FIG.1

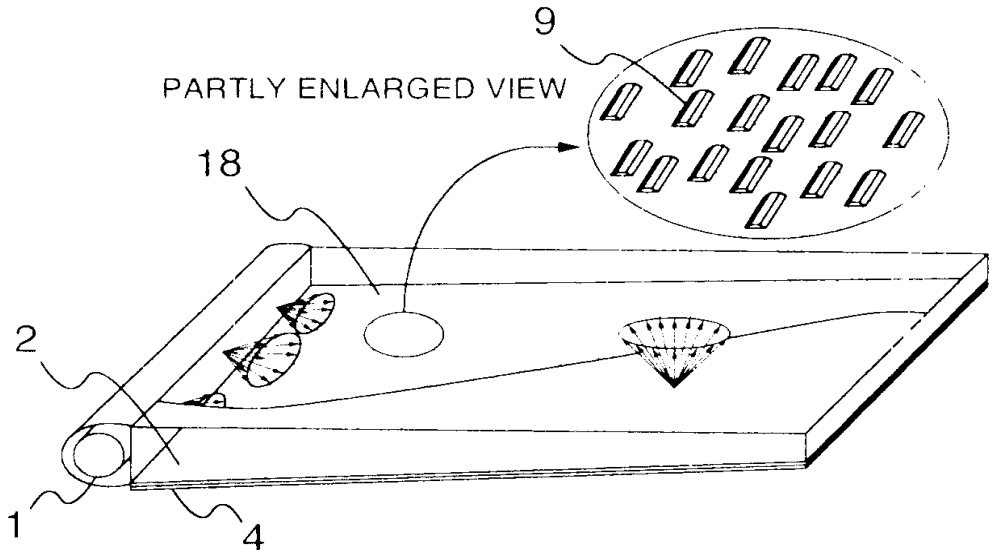


FIG.2

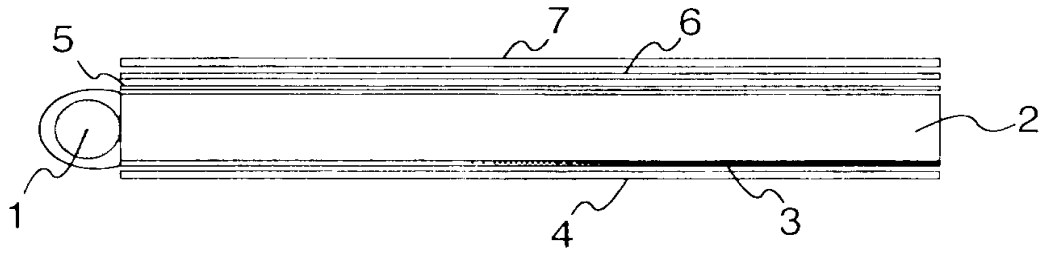


FIG.3

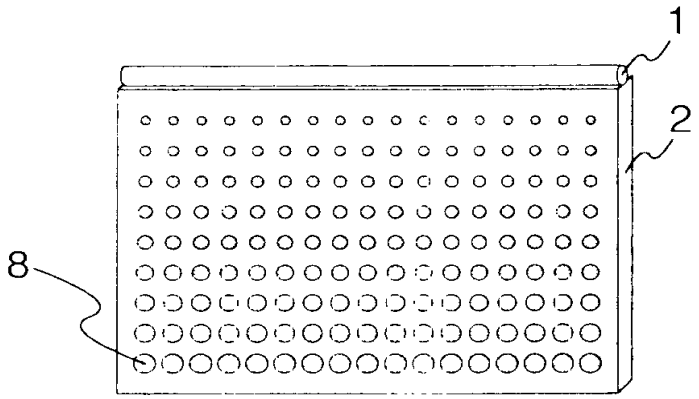


FIG.4

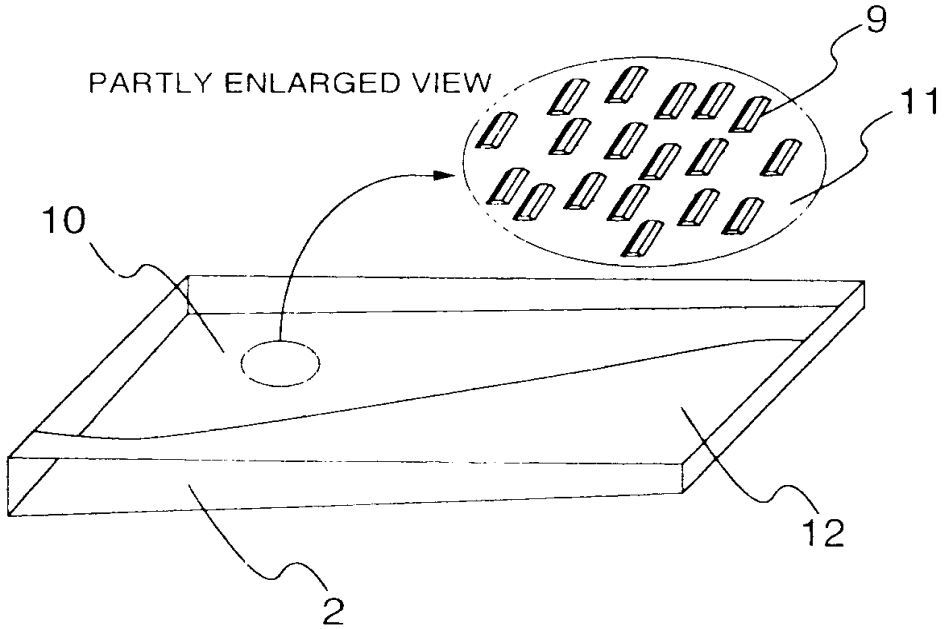


FIG.5

KIND OF DOT	SMALL PROJECTING PORTION OR SMALL RECESS PORTION		
REFLECTING FILM	NO		YES
ANGLE OF INCLINE OF INCLINED SURFACE OF DOT	7～43°	50～85°	30±10°
DISTRIBUTION OF ANGLES OF INCLINE OF INCLINED SURFACES OF DOTS	ANGLE OF INCLINE IS SMALLER AS CLOSER TO LIGHT SOURCE		
HEIGHT AND DEPTH OF DOT	2-100 μm		
DISTRIBUTION OF HEIGHTS AND DEPTHS OF DOTS	HEIGHT AND DEPTH ARE LOWER AS CLOSER TO LIGHT SOURCE		
SHAPE OF FLAT SURFACE OF DOT	CIRCLE OR SUBSTANTIALLY RECTANGULAR SHAPE		
DISTRIBUTION OF DENSITIES OF DOTS	DENSITY OF DOT IS SMALLER AS CLOSER TO LIGHT SOURCE		
DISTRIBUTION OF SHAPES OF DOTS	AREA OF DOT IS SMALLER AS CLOSER TO LIGHT SOURCE AREA OF DOT IS SMALLER AS PORTION REQUIRES CONFUSION		
SIZE	≦ 0.2 SQUARE mm		
ARRANGEMENT OF DOT	RANDOM OR NON RANDOM IN CASE SHAPE OF FLAT SURFACE IS RECTANGULAR, ARRANGEMENT IS MADE SO THAT LONGER LINE IS SUBSTANTIALLY IN PARALLEL TO LIGHT SOURCE		
SUB MATERIAL	REFLECTING PLATE LIGHT CONDENSING PLATE (DIFFUSION PLATE)	REFLECTING PLATE (LIGHT CONDENSING PLATE) (DIFFUSION PLATE)	(LIGHT CONDENSING PLATE) (DIFFUSION PLATE)

FIG.6

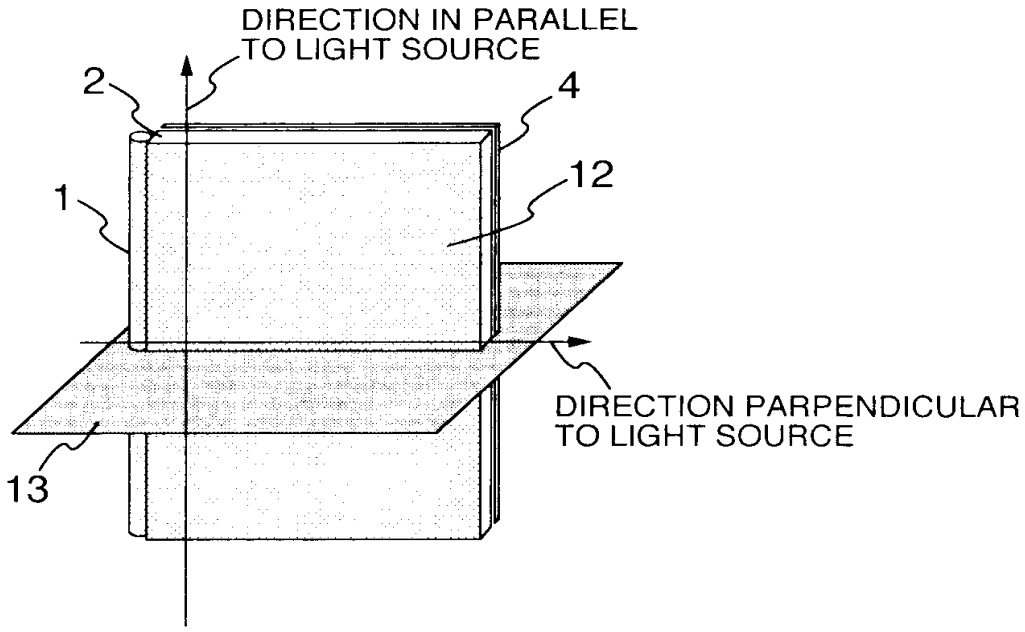
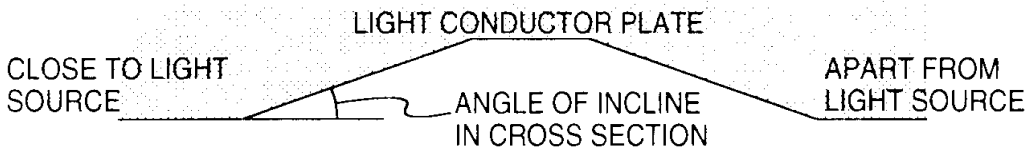
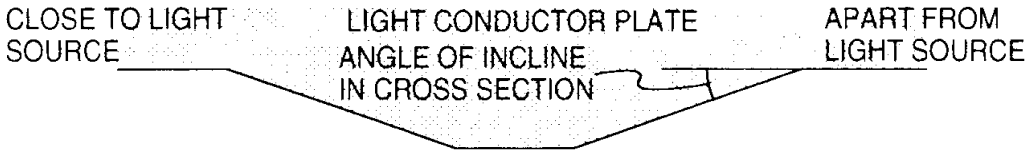

DIRECTION IN PARALLEL
TO LIGHT SOURCE
2
4
12
1
DIRECTION PARPENDICULAR
TO LIGHT SOURCE
13

FIG.7A



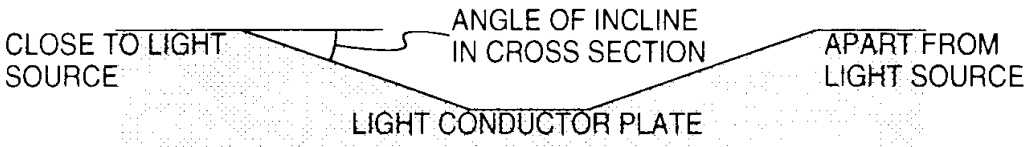
FIRST EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.7B



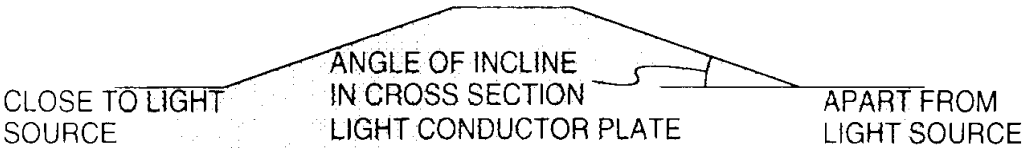
FIRST EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.7C



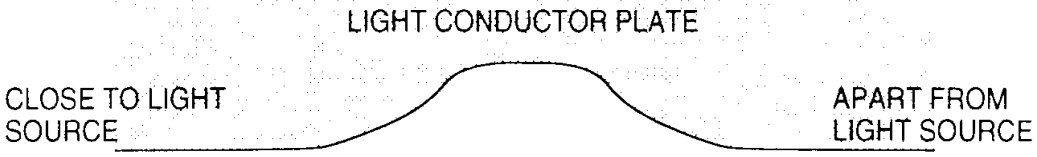
SECOND EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.7D



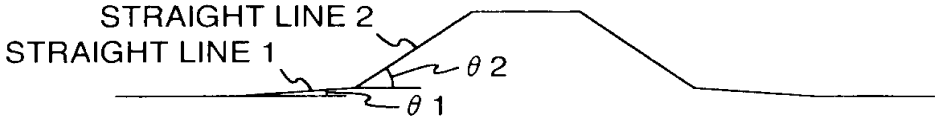
SECOND EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.8A



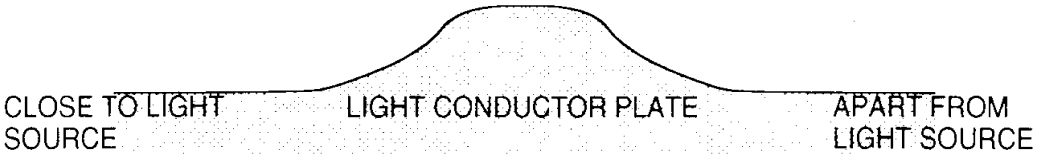
THIRD EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.8B



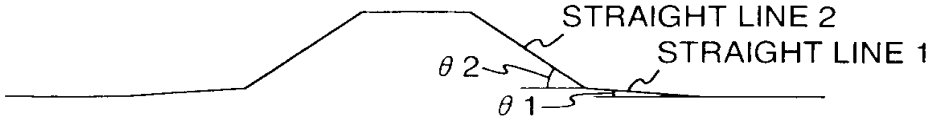
APPROXIMATE LINE OF THIRD EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.8C



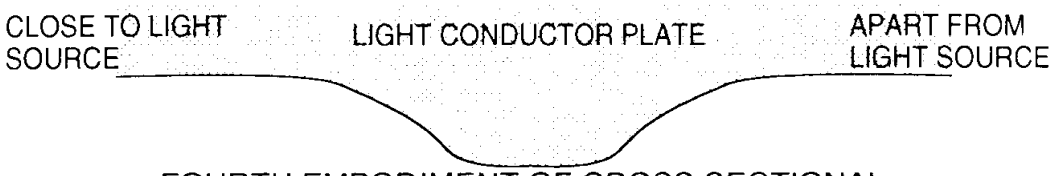
THIRD EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.8D



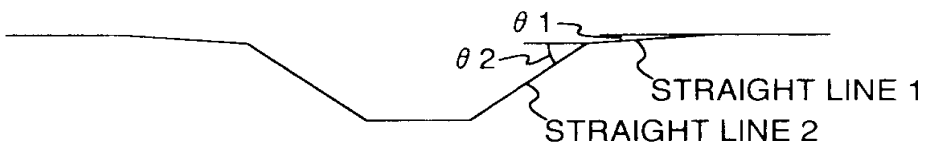
APPROXIMATE LINE OF THIRD EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.9A



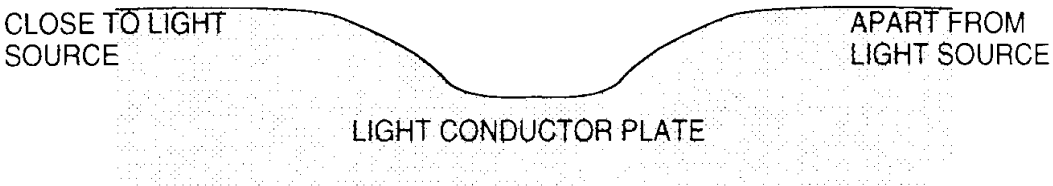
FOURTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.9B



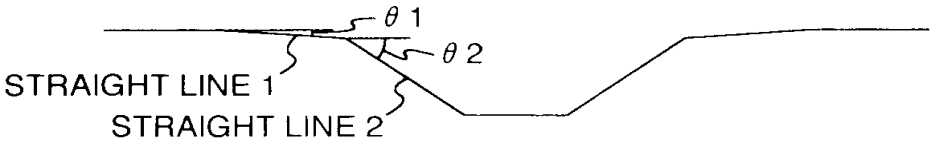
APPROXIMATE LINE OF FOURTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.9C



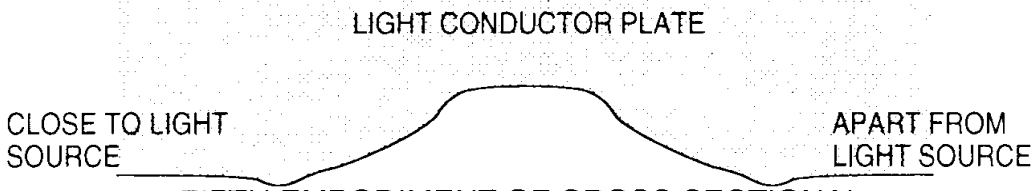
FOURTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.9D



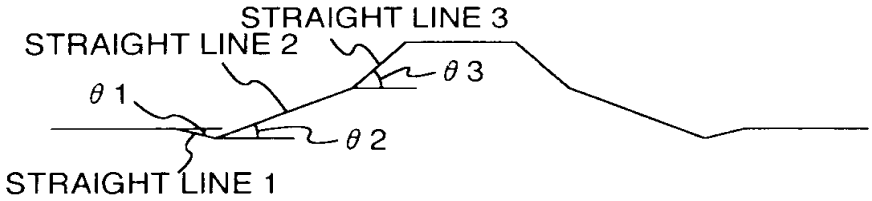
APPROXIMATE LINE OF FOURTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.10A



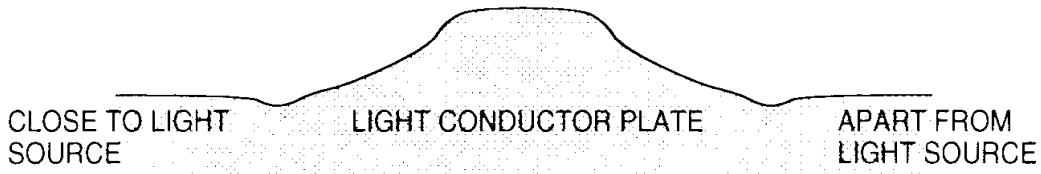
FIFTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.10B



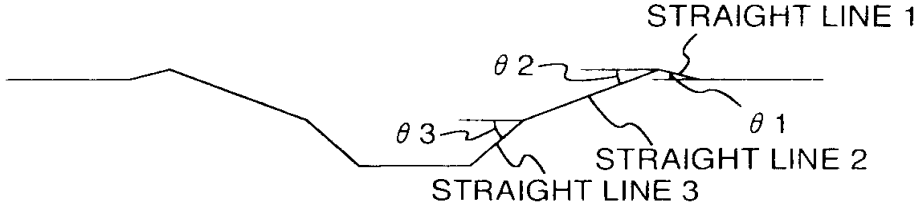
APPROXIMATE LINE OF FIFTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.10C



FIFTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

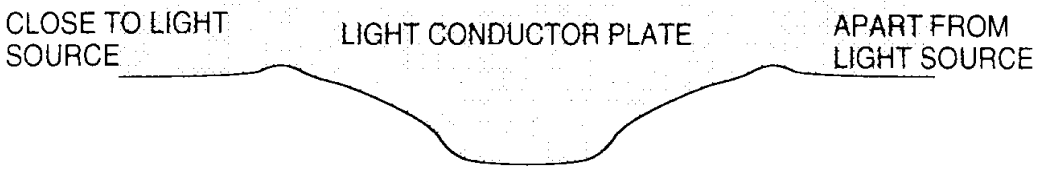
FIG.10D



APPROXIMATE LINE OF FIFTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

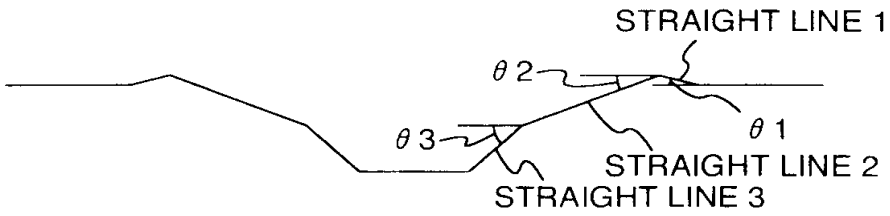
FIG.11A

EXPLANATORY VIEW NO.5 OF ANGLE OF INCLINE



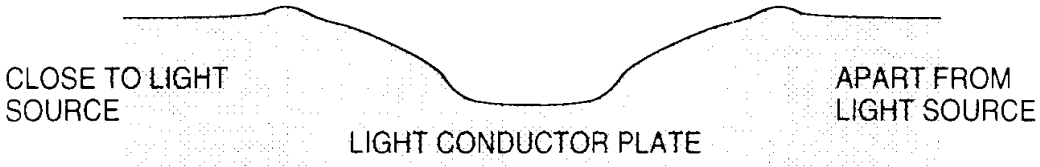
SIXTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.11B



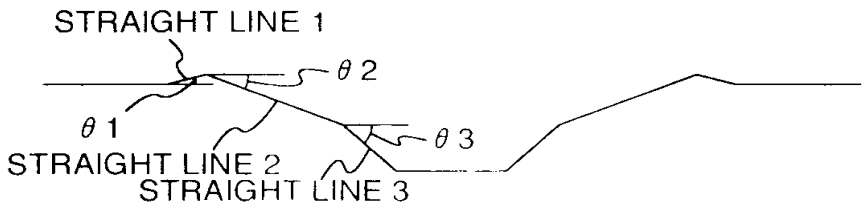
APPROXIMATE LINE OF SIXTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.11C



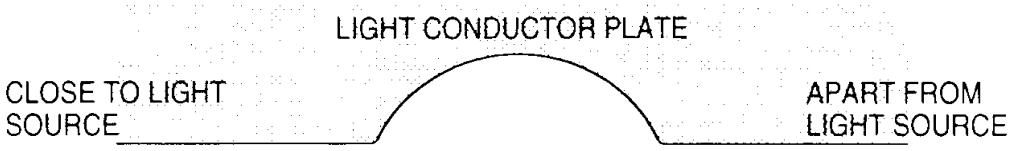
SIXTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.11D



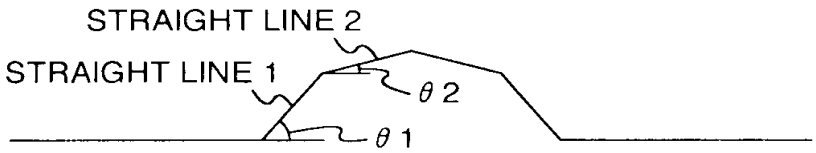
APPROXIMATE LINE OF SIXTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.12A



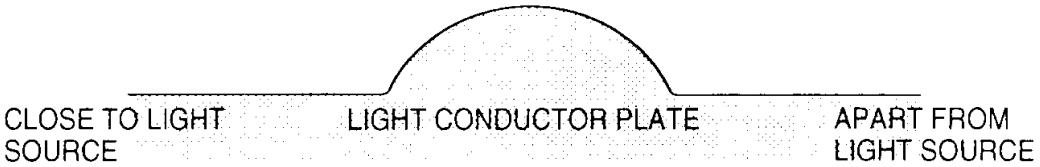
SEVENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.12B



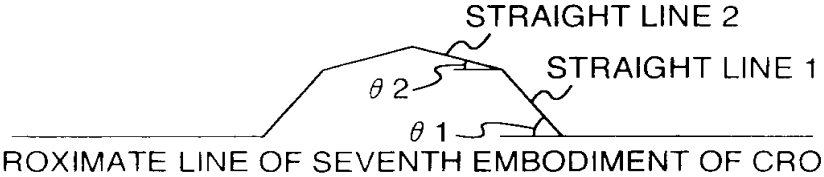
APPROXIMATE LINE OF SEVENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.12C



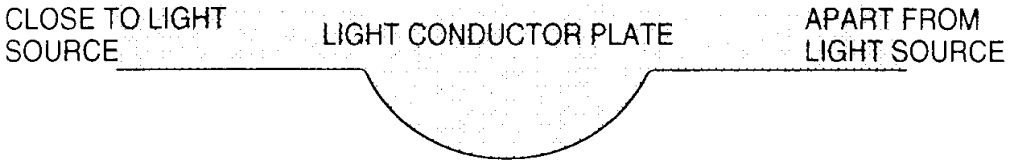
SEVENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.12D



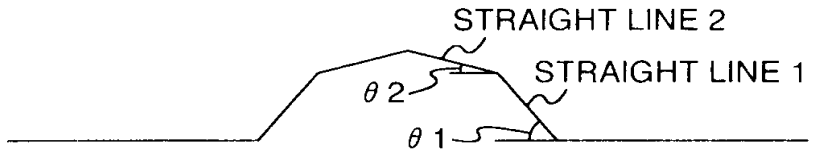
APPROXIMATE LINE OF SEVENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.13A



EIGHTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.13B

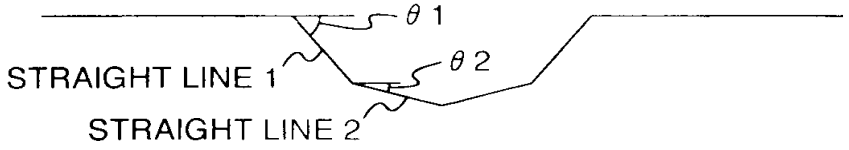


APPROXIMATE LINE OF EIGHTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.13C

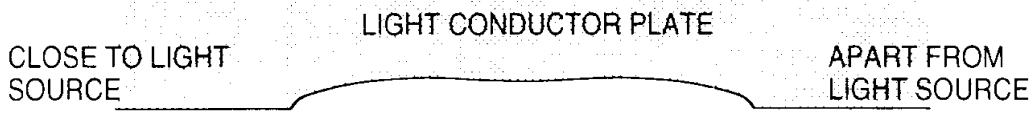
EIGHTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.13D



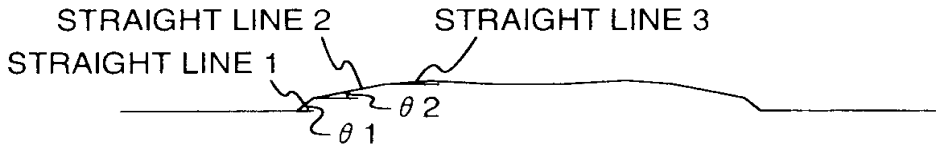
APPROXIMATE LINE OF EIGHTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.14A



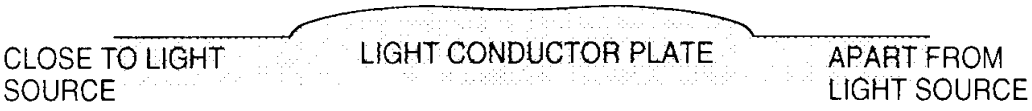
NINTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.14B



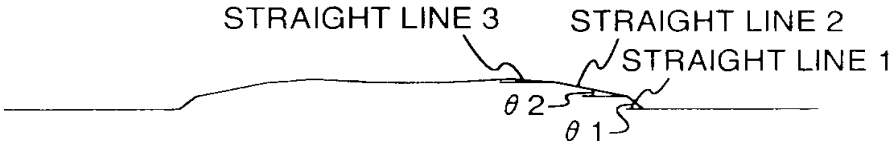
APPROXIMATE LINE OF NINTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.14C



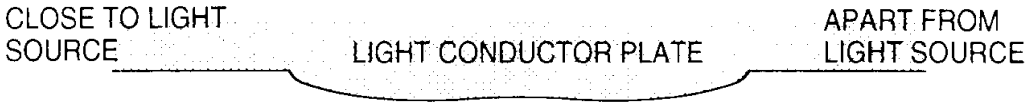
NINTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.14D



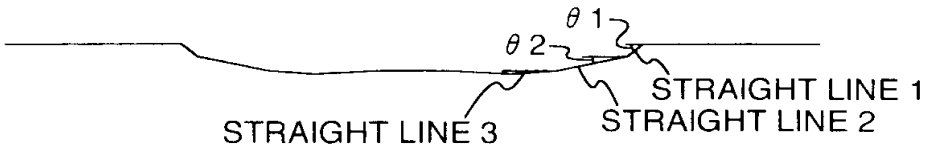
APPROXIMATE LINE OF NINTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.15A



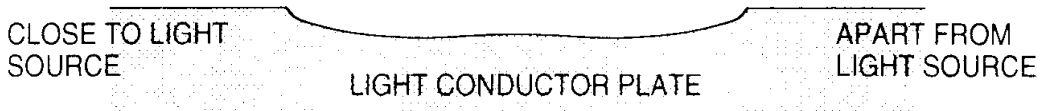
TENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.15B



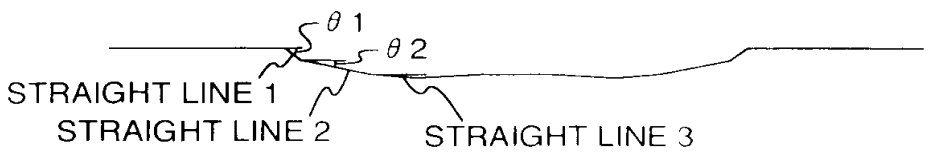
APPROXIMATE LINE OF TENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL PROJECTING PORTION

FIG.15C



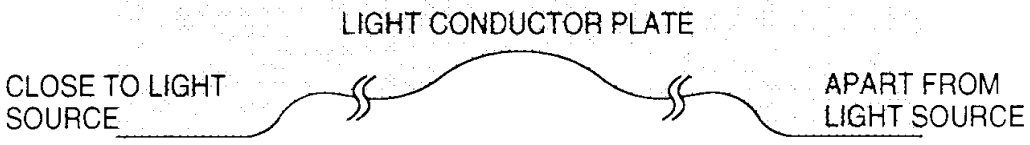
TENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.15D



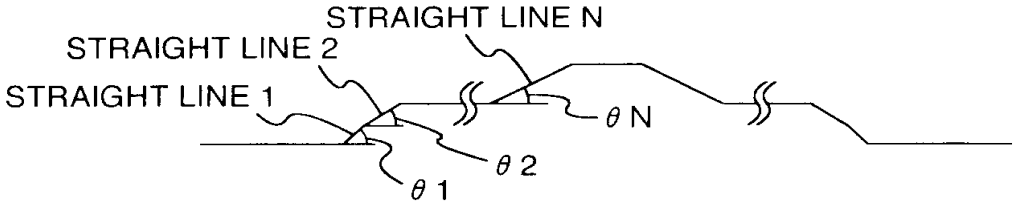
APPROXIMATE LINE OF THIRD EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.16A



ELEVENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

FIG.16B



APPROXIMATE LINE OF ELEVENTH EMBODIMENT OF CROSS SECTIONAL SHAPE OF SMALL RECESS PORTION

$$\text{ANGLE OF INCLINE IN CROSS SECTION} = \frac{\sum_{n=1}^{N} \theta n \times Ln \times \sin(\theta n + \theta)}{\sum_{n=1}^{N} Ln \times \sin(\theta n + \theta)}$$

Ln = LENGTH OF STRAIGHT LINE n

θ = VALUE DETERMINED IN ACCORDANCE WITH REFRACTIVE INDEX OF LIGHT CONDUCTOR PLATE

ABOUT 18 DEGREES IS SUITABLE IN CASE OF REFRACTIVE INDEX OF LIGHT CONDUCTOR PLATE = 1.47 ± 0.1

$$\text{ANGLE OF INCLINE IN CROSS SECTION} = \frac{\theta 1 \times L1 \times \sin(\theta 1 + \theta) + \theta 2 \times L2 \times \sin(\theta 2 + \theta)}{L1 \times \sin(\theta 1 + \theta) + L2 \times \sin(\theta 2 + \theta)}$$

L1 = LENGTH OF STRAIGHT LINE 1

L2 = LENGTH OF STRAIGHT LINE 2

θ = VALUE DETERMINED IN ACCORDANCE WITH REFRACTIVE INDEX OF LIGHT CONDUCTOR PLATE

ABOUT 18 DEGREES IS SUITABLE IN CASE OF REFRACTIVE INDEX OF LIGHT CONDUCTOR PLATE = 1.47 ± 0.1

FIG.17A

FIG.17B

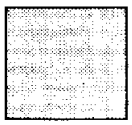


FIG.17C

FIG.17D

FIG.17E

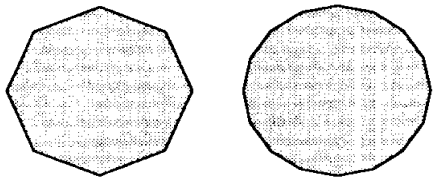


FIG.17F

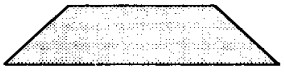


FIG.17G

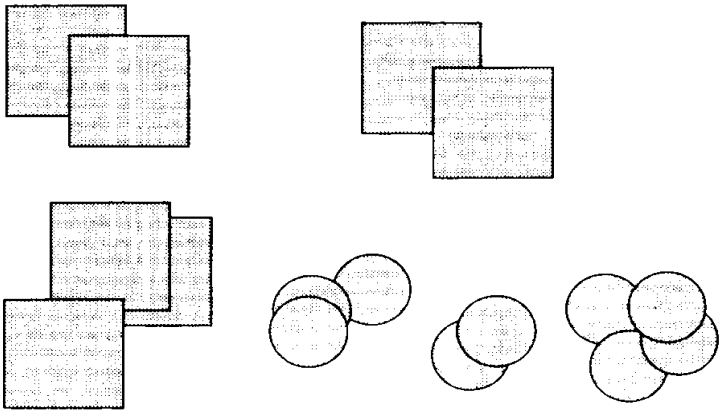


FIG.18

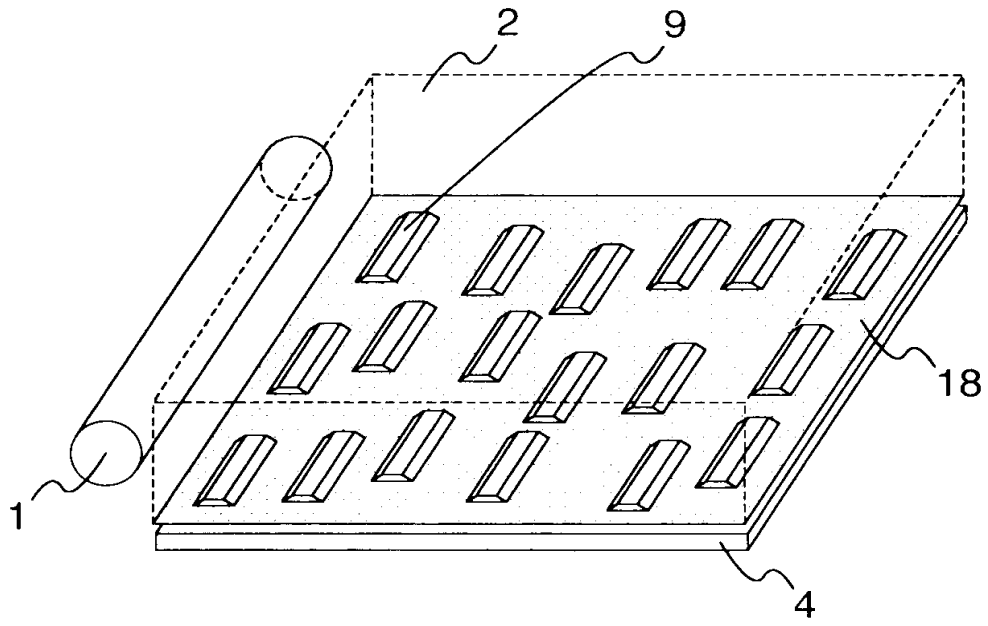


FIG.19

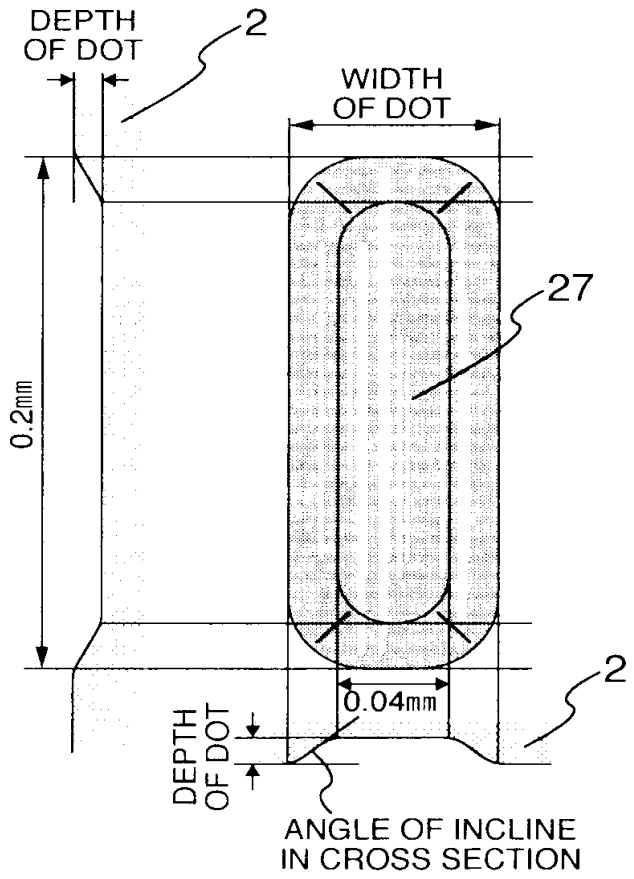

DEPTH
OF DOT
2
WIDTH
OF DOT
27
0.2mm
2
0.04mm
DEPTH
OF DOT
ANGLE OF INCLINE
IN CROSS SECTION

FIG.20

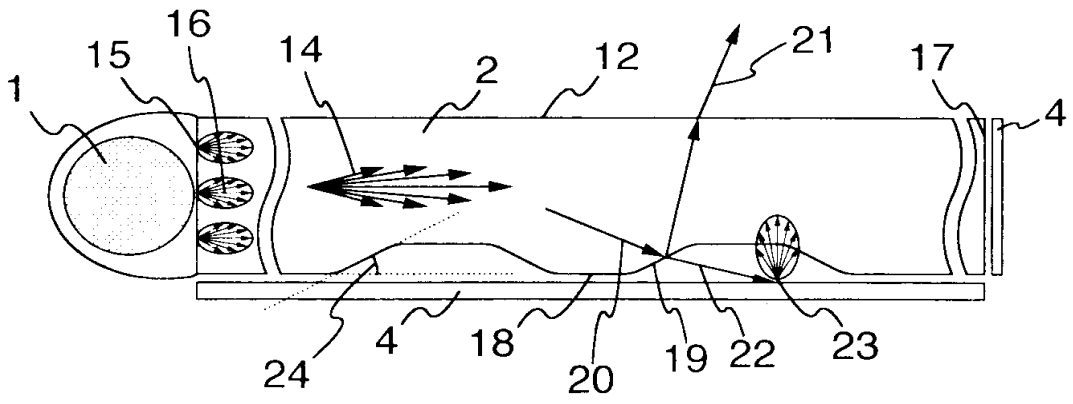
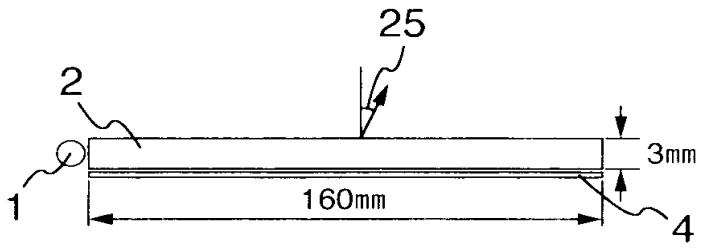
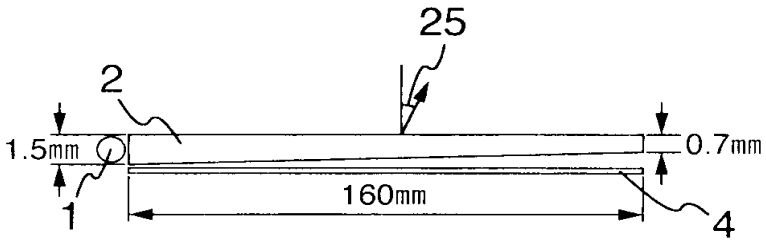


FIG.21A



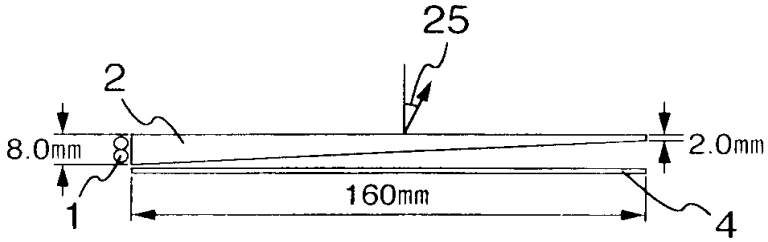
EMBODIMENT 1-1
CROSS SECTIONAL SHAPE OF
LIGHT CONDUCTOR PLATE

FIG.21B



EMBODIMENT 1-2
CROSS SECTIONAL SHAPE OF
LIGHT CONDUCTOR PLATE

FIG.21C



EMBODIMENT 1-3
CROSS SECTIONAL SHAPE OF
LIGHT CONDUCTOR PLATE

FIG.22

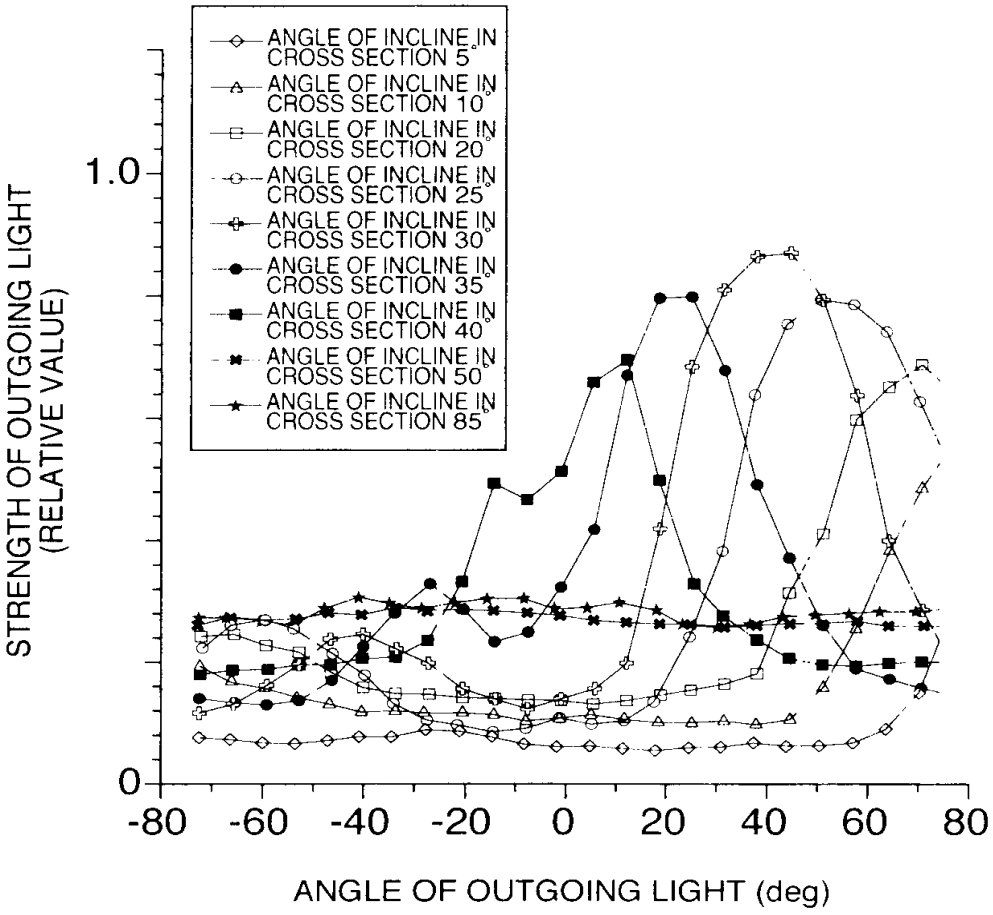

ANGLE OF INCLINE IN CROSS SECTION 5°
ANGLE OF INCLINE IN CROSS SECTION 10°
ANGLE OF INCLINE IN CROSS SECTION 20°
ANGLE OF INCLINE IN CROSS SECTION 25°
ANGLE OF INCLINE IN CROSS SECTION 30°
ANGLE OF INCLINE IN CROSS SECTION 35°
ANGLE OF INCLINE IN CROSS SECTION 40°
ANGLE OF INCLINE IN CROSS SECTION 50°
ANGLE OF INCLINE IN CROSS SECTION 85°
STRENGTH OF OUTGOING LIGHT (RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.23

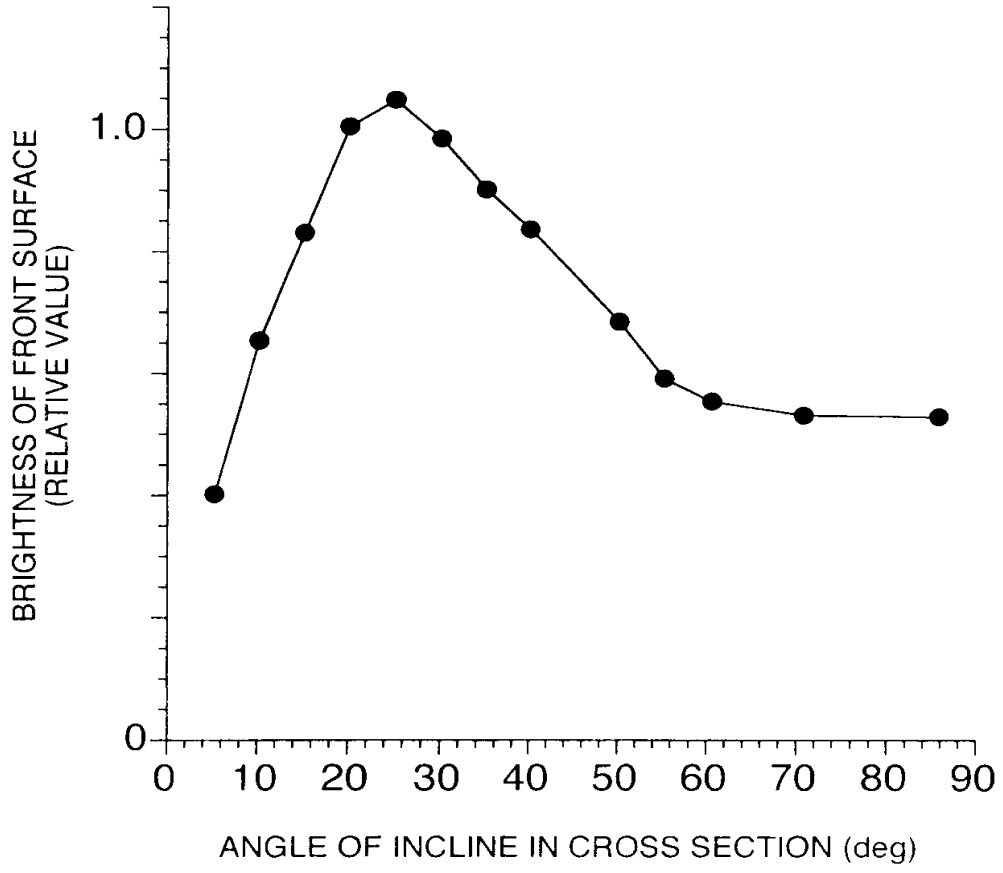

BRIGHTNESS OF FRONT SURFACE
(RELATIVE VALUE)
1.0
0
0
10
20
30
40
50
60
70
80
90
ANGLE OF INCLINE IN CROSS SECTION (deg)

FIG.24

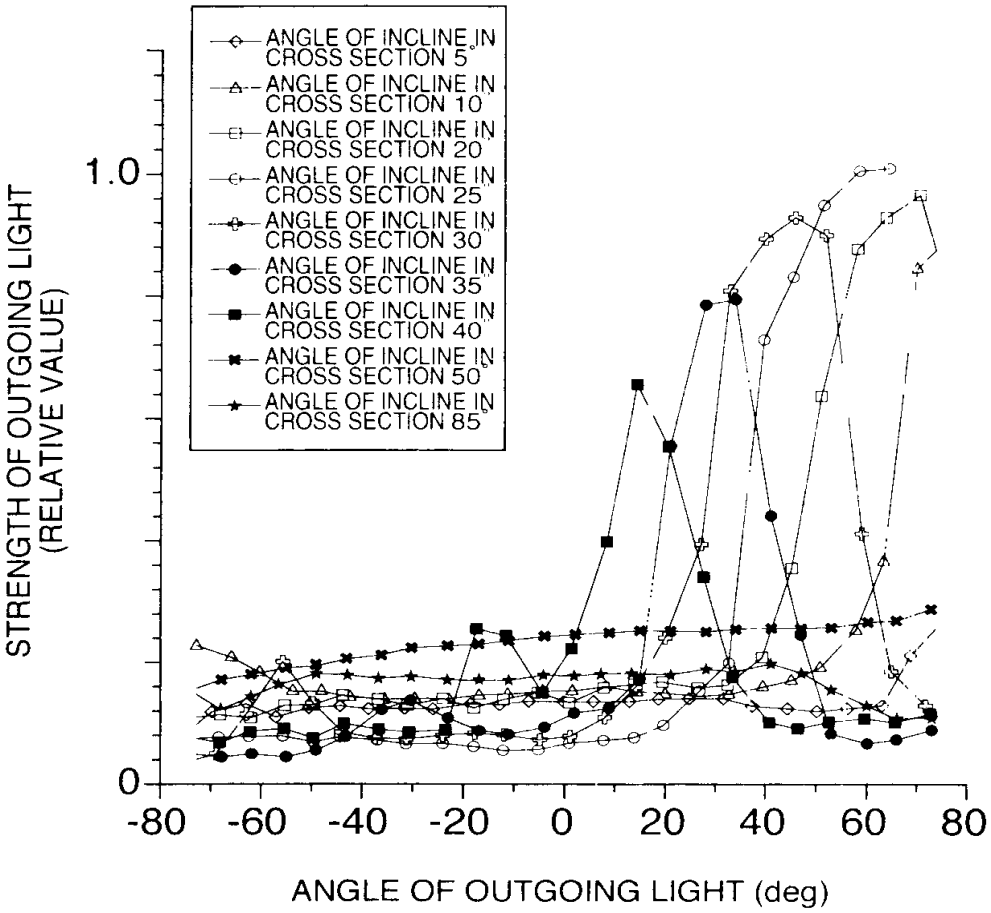

ANGLE OF INCLINE IN CROSS SECTION 5°
ANGLE OF INCLINE IN CROSS SECTION 10°
ANGLE OF INCLINE IN CROSS SECTION 20°
ANGLE OF INCLINE IN CROSS SECTION 25°
ANGLE OF INCLINE IN CROSS SECTION 30°
ANGLE OF INCLINE IN CROSS SECTION 35°
ANGLE OF INCLINE IN CROSS SECTION 40°
ANGLE OF INCLINE IN CROSS SECTION 50°
ANGLE OF INCLINE IN CROSS SECTION 85°
STRENGTH OF OUTGOING LIGHT (RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.25

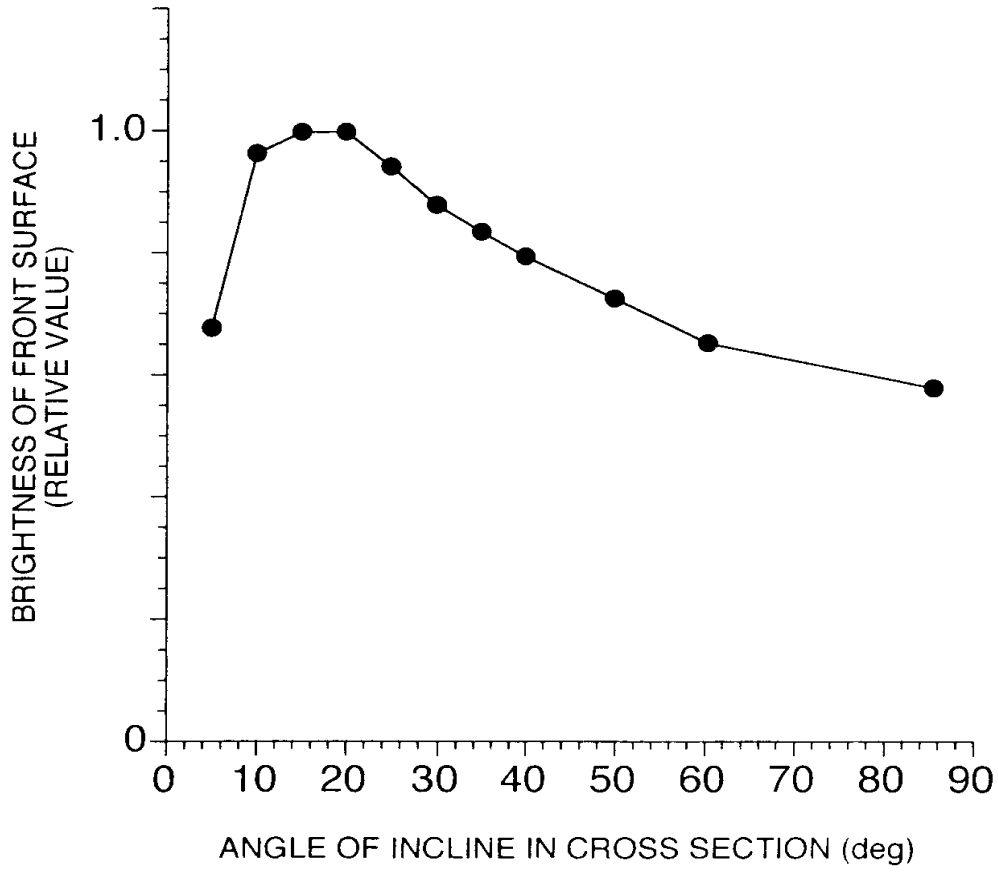

BRIGHTNESS OF FRONT SURFACE
(RELATIVE VALUE)
1.0
0
0
10
20
30
40
50
60
70
80
90
ANGLE OF INCLINE IN CROSS SECTION (deg)

FIG.26

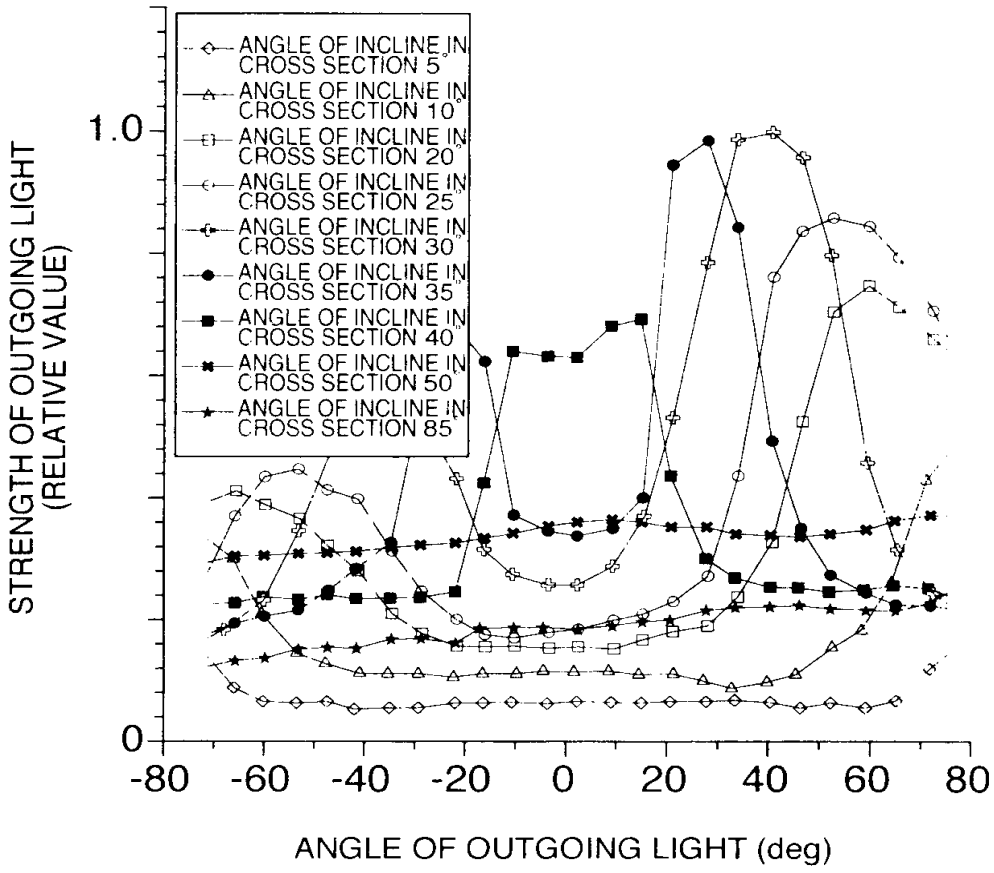

ANGLE OF INCLINE IN CROSS SECTION 5°
ANGLE OF INCLINE IN CROSS SECTION 10°
ANGLE OF INCLINE IN CROSS SECTION 20°
ANGLE OF INCLINE IN CROSS SECTION 25°
ANGLE OF INCLINE IN CROSS SECTION 30°
ANGLE OF INCLINE IN CROSS SECTION 35°
ANGLE OF INCLINE IN CROSS SECTION 40°
ANGLE OF INCLINE IN CROSS SECTION 50°
ANGLE OF INCLINE IN CROSS SECTION 85°
STRENGTH OF OUTGOING LIGHT (RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.27

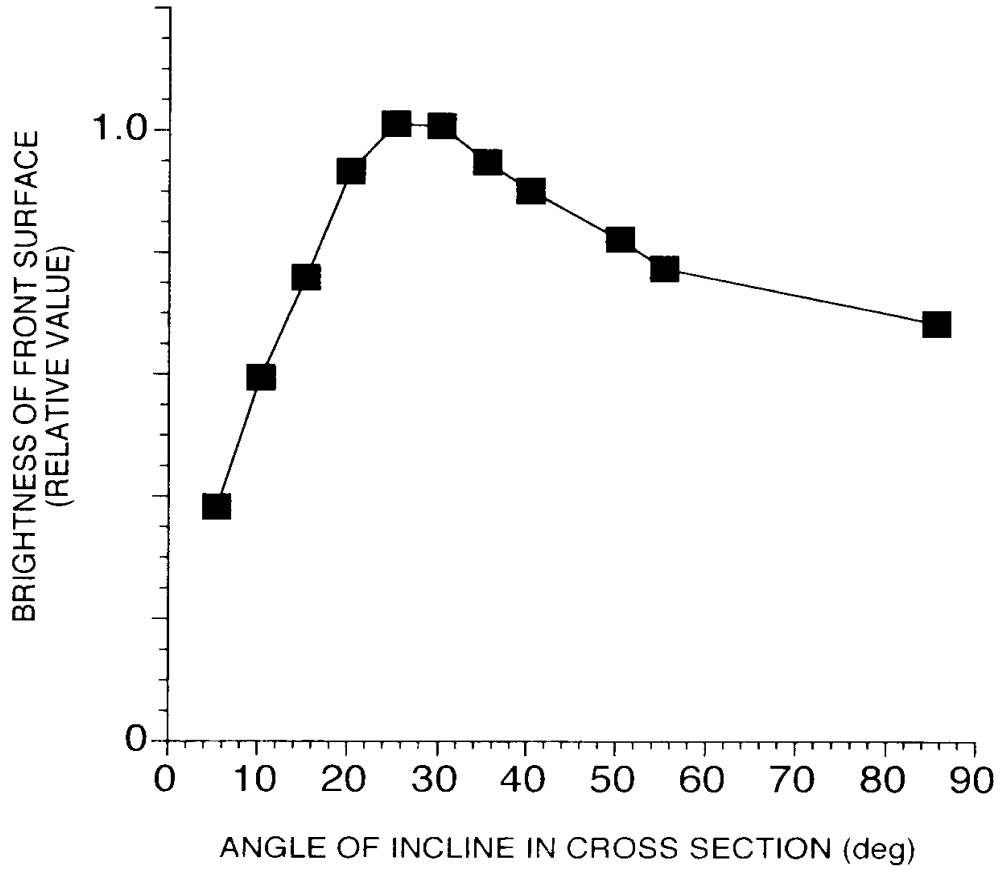

BRIGHTNESS OF FRONT SURFACE
(RELATIVE VALUE)
1.0
0
0
10
20
30
40
50
60
70
80
90
ANGLE OF INCLINE IN CROSS SECTION (deg)

FIG.28A

FIG.28B

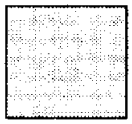


FIG.28C

FIG.28D

FIG.28E

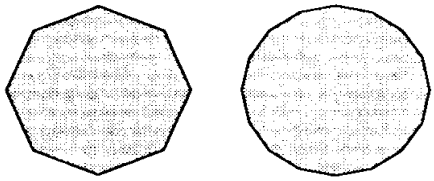


FIG.28F

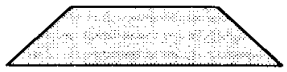


FIG.28G

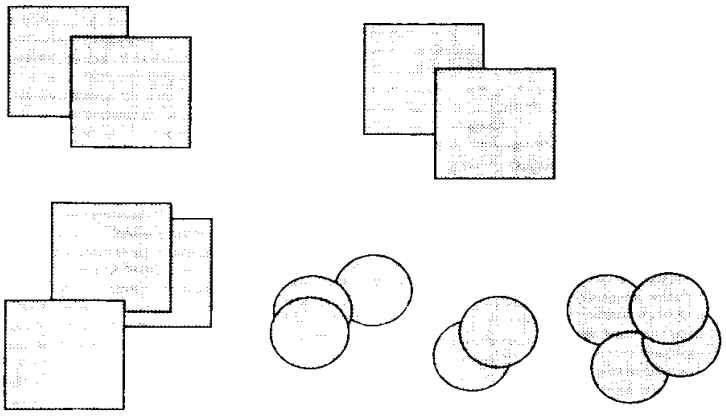


FIG.29A

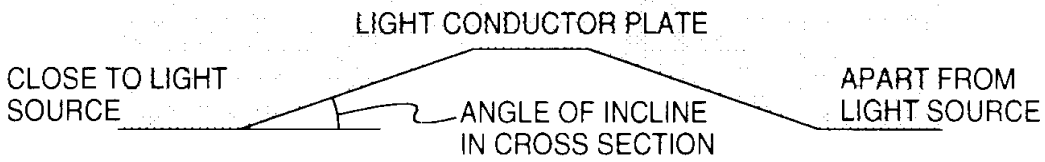


FIG.29B

FIG.29C

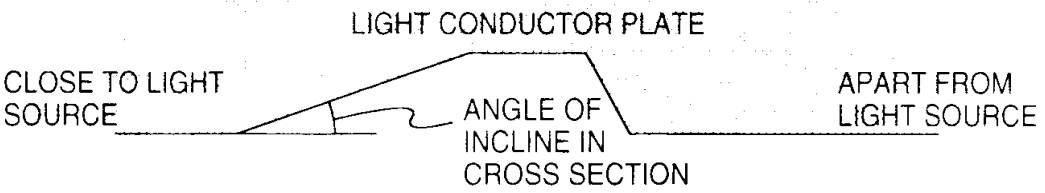


FIG.30

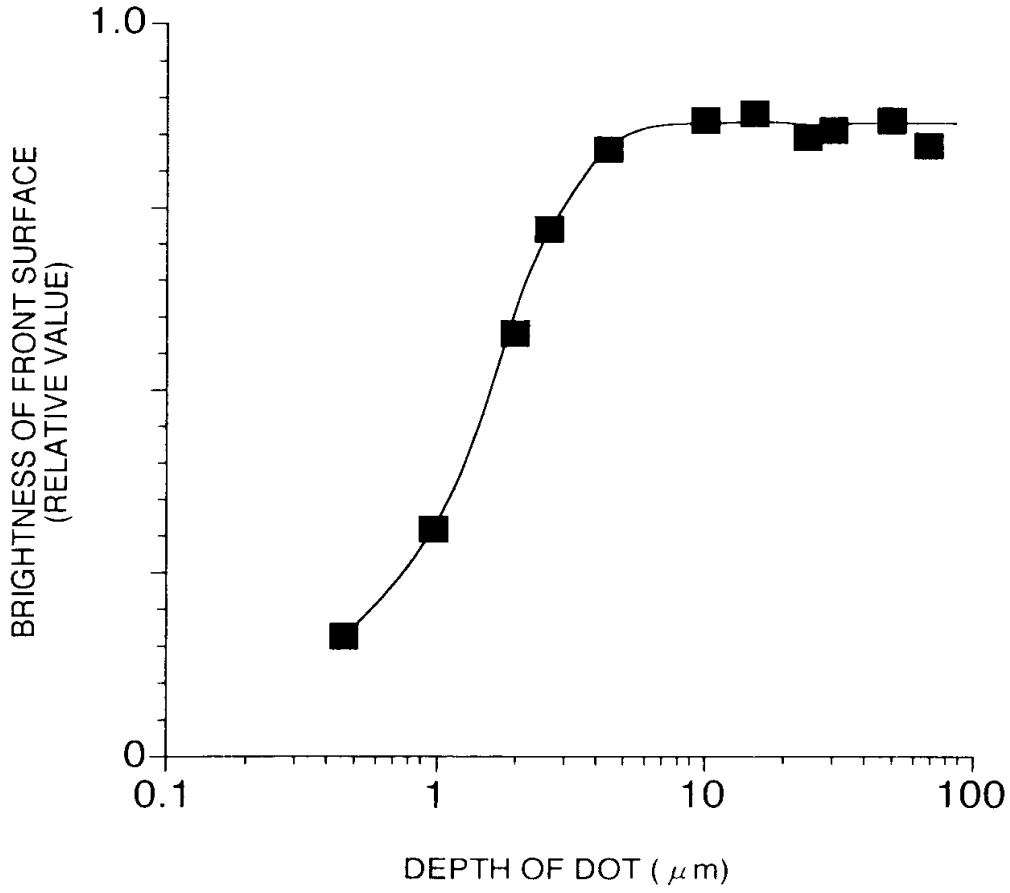
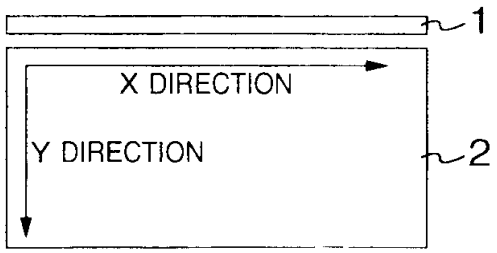

1.0
0
BRIGHTNESS OF FRONT SURFACE
(RELATIVE VALUE)
0.1
1
10
100
DEPTH OF DOT (μm)

FIG.31

SHAPE	MEMBER	SIZE(X DIRECTION μm)						
		10	20	50	100	200	400	800
CIRCULAR SHAPE, SQUARE	NONE	○	○	○	△	×	×	×
	DIFFUSION PLATE	○	○	○	○	△	×	×
	DIFFUSION PLATE + ONE LIGHT CONDUCTOR PLATE	○	○	○	○	○	△	×
	DIFFUSION PLATE + TWO LIGHT CONDUCTOR PLATES	○	○	○	○	○	○	△
SUBSTANTIALLY RECTANGULAY SHAPE (20 μm IN Y DIRECTION)	NONE	—	○	○	○	△	×	×
	DIFFUSION PLATE	—	○	○	○	○	△	×
	DIFFUSION PLATE + ONE LIGHT CONDUCTOR PLATE	—	○	○	○	○	○	△
	DIFFUSION PLATE + TWO LIGHT CONDUCTOR PLATES	—	○	○	○	○	○	△
SUBSTANTIALLY RECTANGULAY SHAPE (50 μm IN Y DIRECTION)	NONE	—	○	○	○	△	×	×
	DIFFUSION PLATE	—	○	○	○	△	△	×
	DIFFUSION PLATE + ONE LIGHT CONDUCTOR PLATE	—	○	○	○	○	△	×
	DIFFUSION PLATE + TWO LIGHT CONDUCTOR PLATES	—	○	○	○	○	○	△
SUBSTANTIALLY RECTANGULAY SHAPE (100 μm IN Y DIRECTION)	NONE	—	○	○	△	×	×	×
	DIFFUSION PLATE	—	○	○	○	△	×	×
	DIFFUSION PLATE + ONE LIGHT CONDUCTOR PLATE	—	○	○	○	○	△	×
	DIFFUSION PLATE + TWO LIGHT CONDUCTOR PLATES	—	○	○	○	○	○	△
SUBSTANTIALLY RECTANGULAY SHAPE (200 μm IN Y DIRECTION)	NONE	—	○	△	×	×	×	×
	DIFFUSION PLATE	—	○	○	○	△	×	×
	DIFFUSION PLATE + ONE LIGHT CONDUCTOR PLATE	—	○	○	○	○	△	×
	DIFFUSION PLATE + TWO LIGHT CONDUCTOR PLATES	—	○	○	○	○	○	△
SUBSTANTIALLY RECTANGULAY SHAPE (400 μm IN Y DIRECTION)	NONE	—	○	△	×	×	×	×
	DIFFUSION PLATE	—	○	○	○	△	×	×
	DIFFUSION PLATE + ONE LIGHT CONDUCTOR PLATE	—	○	○	○	○	△	×
	DIFFUSION PLATE + TWO LIGHT CONDUCTOR PLATES	—	○	○	○	○	○	△



○ DOT VISIBILITY NONE
△ SOMETIME DOT VIBIBILITY EXISTS
× DOT VISIBILITY EXISTS

FIG.32A

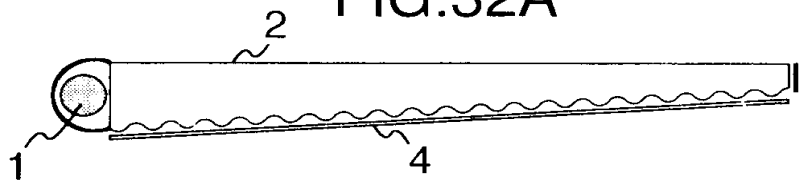


FIG.32B

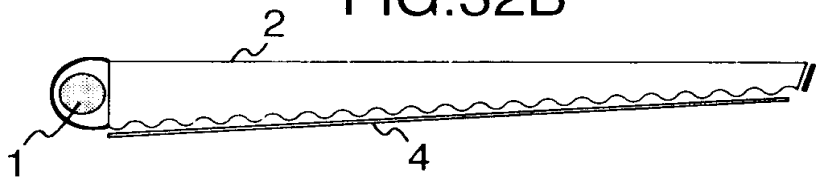


FIG.32C

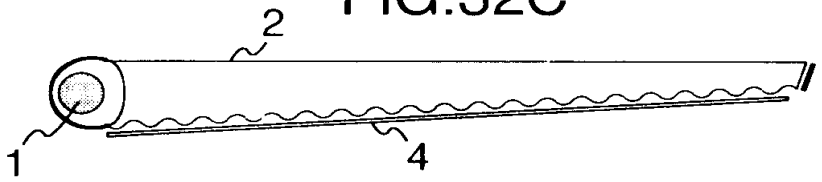


FIG.32D

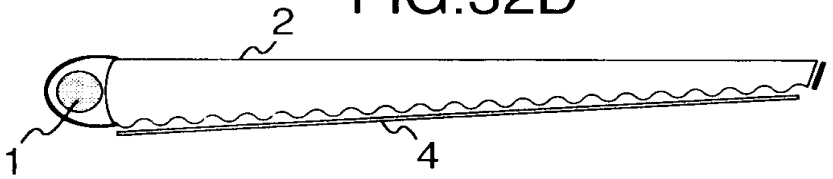


FIG.32E

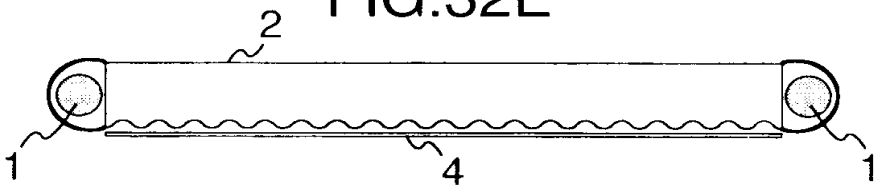


FIG.32F

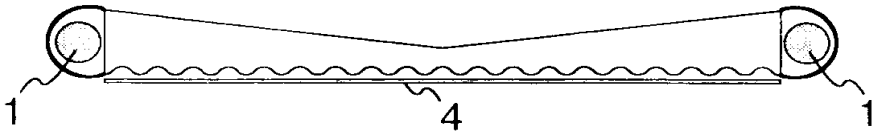


FIG.33

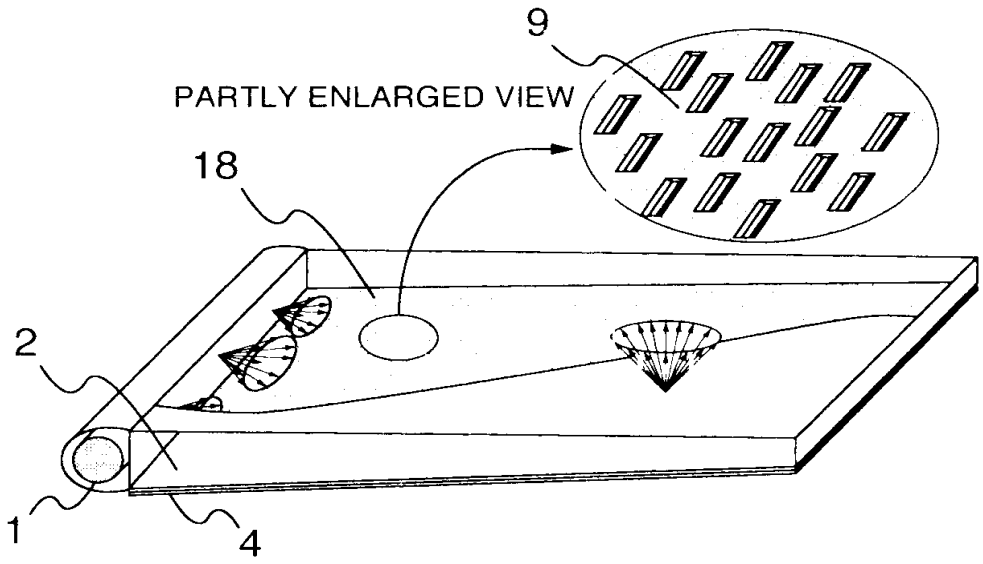


FIG.34

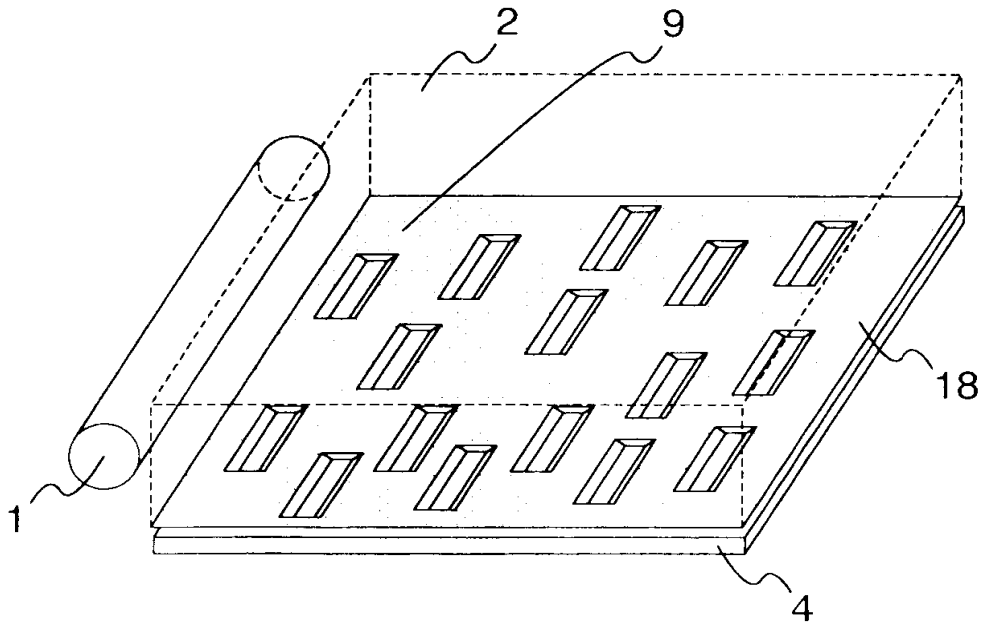


FIG.35

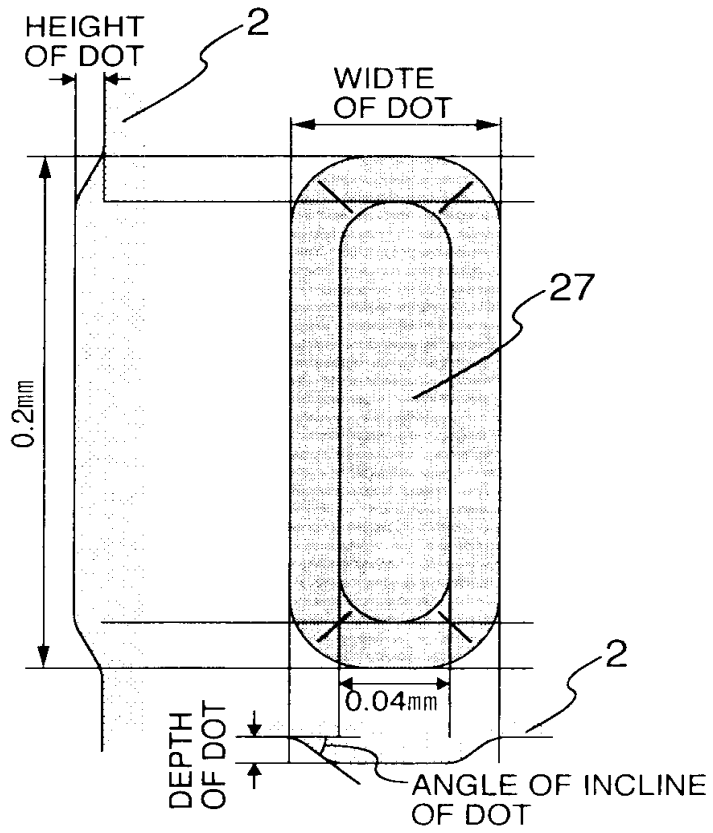

HEIGHT
OF DOT
2
WIDTE
OF DOT
27
0.2mm
0.04mm
2
DEPTH
OF DOT
ANGLE OF INCLINE
OF DOT

FIG.36

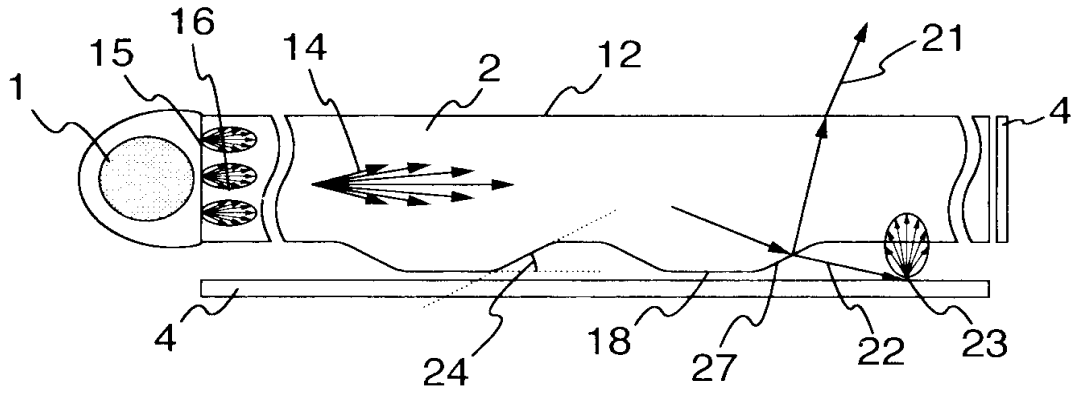


FIG.37

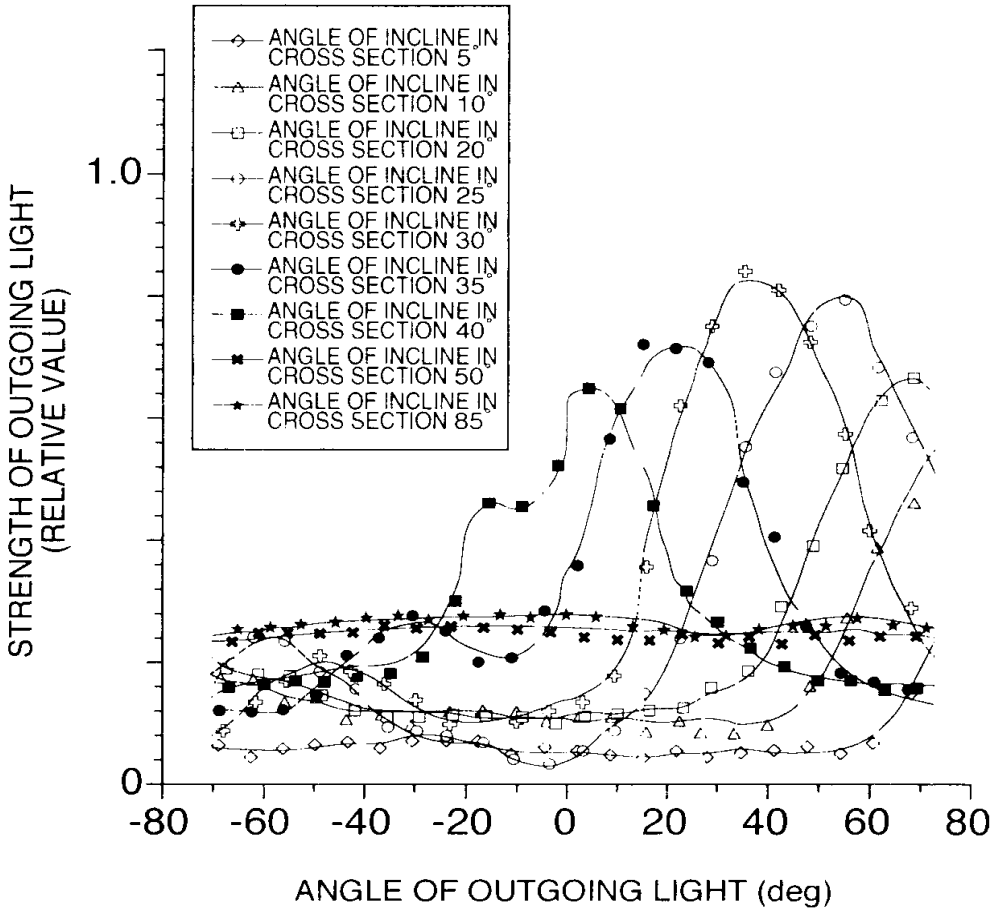

ANGLE OF INCLINE IN CROSS SECTION 5°
ANGLE OF INCLINE IN CROSS SECTION 10°
ANGLE OF INCLINE IN CROSS SECTION 20°
ANGLE OF INCLINE IN CROSS SECTION 25°
ANGLE OF INCLINE IN CROSS SECTION 30°
ANGLE OF INCLINE IN CROSS SECTION 35°
ANGLE OF INCLINE IN CROSS SECTION 40°
ANGLE OF INCLINE IN CROSS SECTION 50°
ANGLE OF INCLINE IN CROSS SECTION 85°
STRENGTH OF OUTGOING LIGHT (RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.38

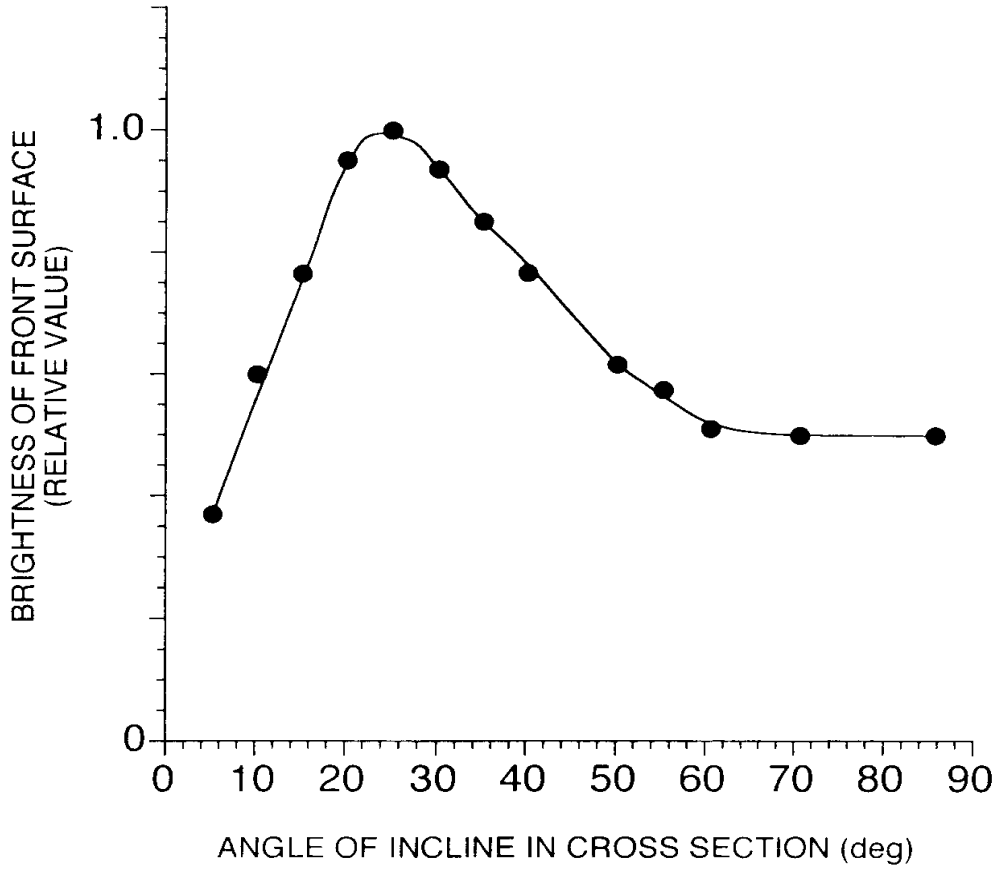

BRIGHTNESS OF FRONT SURFACE
(RELATIVE VALUE)
1.0
0
0
10
20
30
40
50
60
70
80
90
ANGLE OF INCLINE IN CROSS SECTION (deg)

FIG.39A

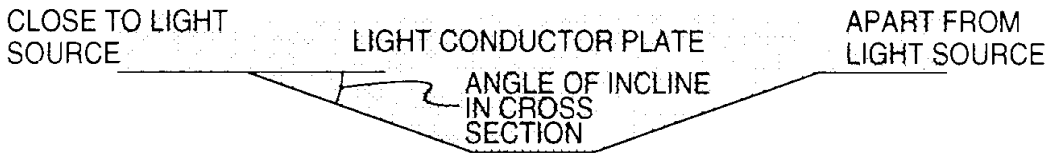


FIG.39B

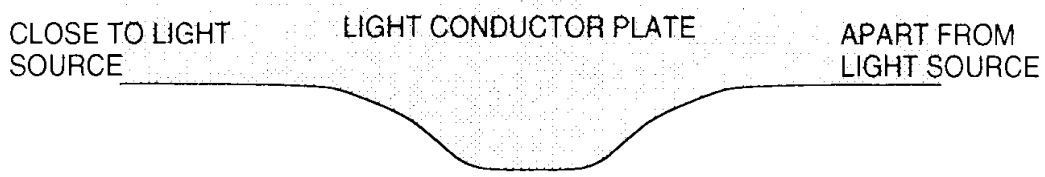


FIG.39C

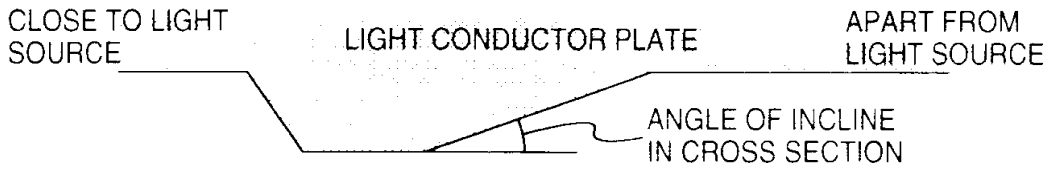


FIG.40

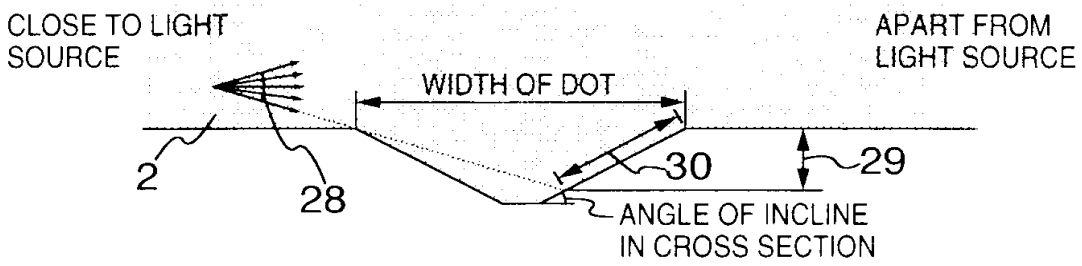

CLOSE TO LIGHT SOURCE
APART FROM LIGHT SOURCE
WIDTH OF DOT
2
28
30
29
ANGLE OF INCLINE IN CROSS SECTION

FIG.41

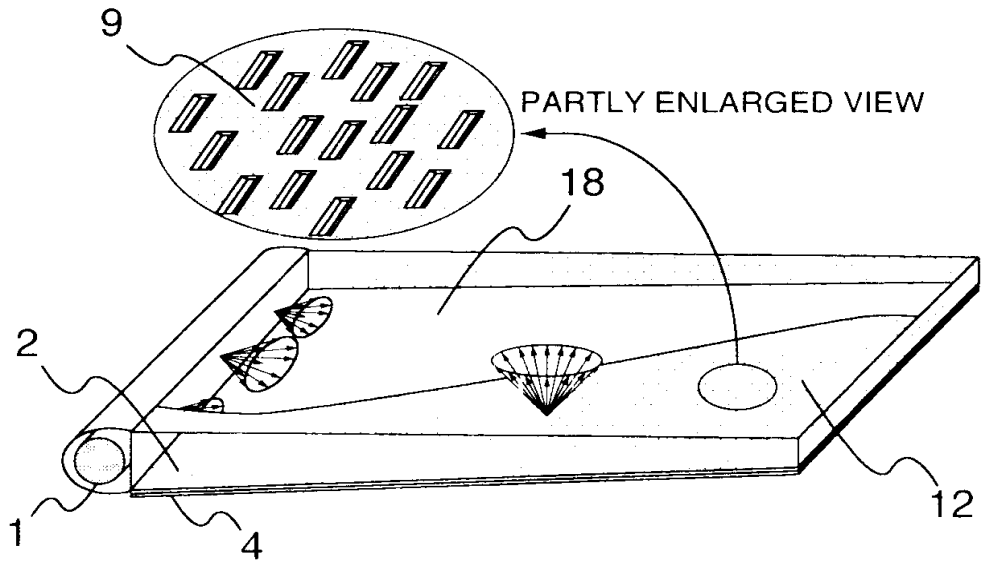

9
PARTLY ENLARGED VIEW
18
2
1
4
12

FIG.42

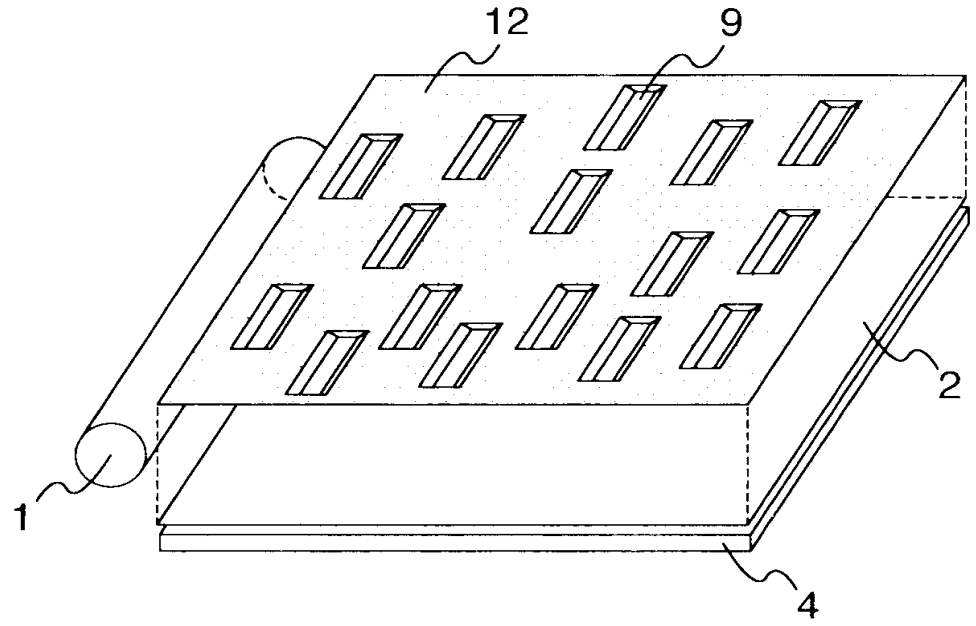


FIG.43

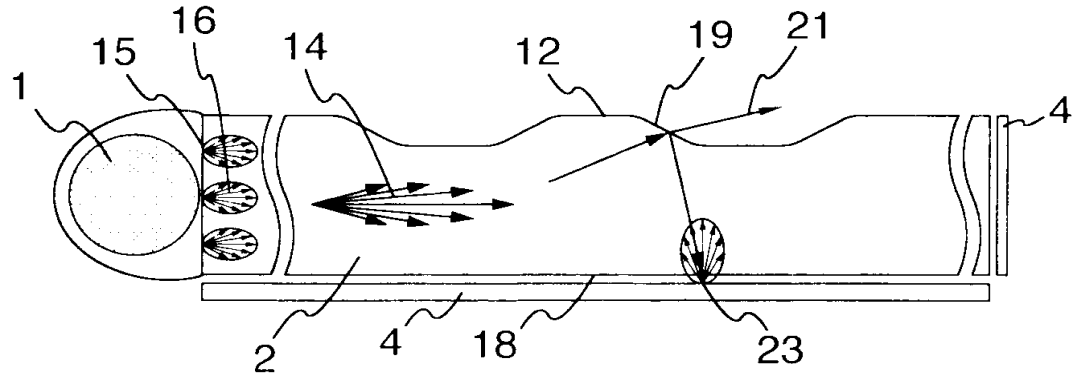


FIG.44

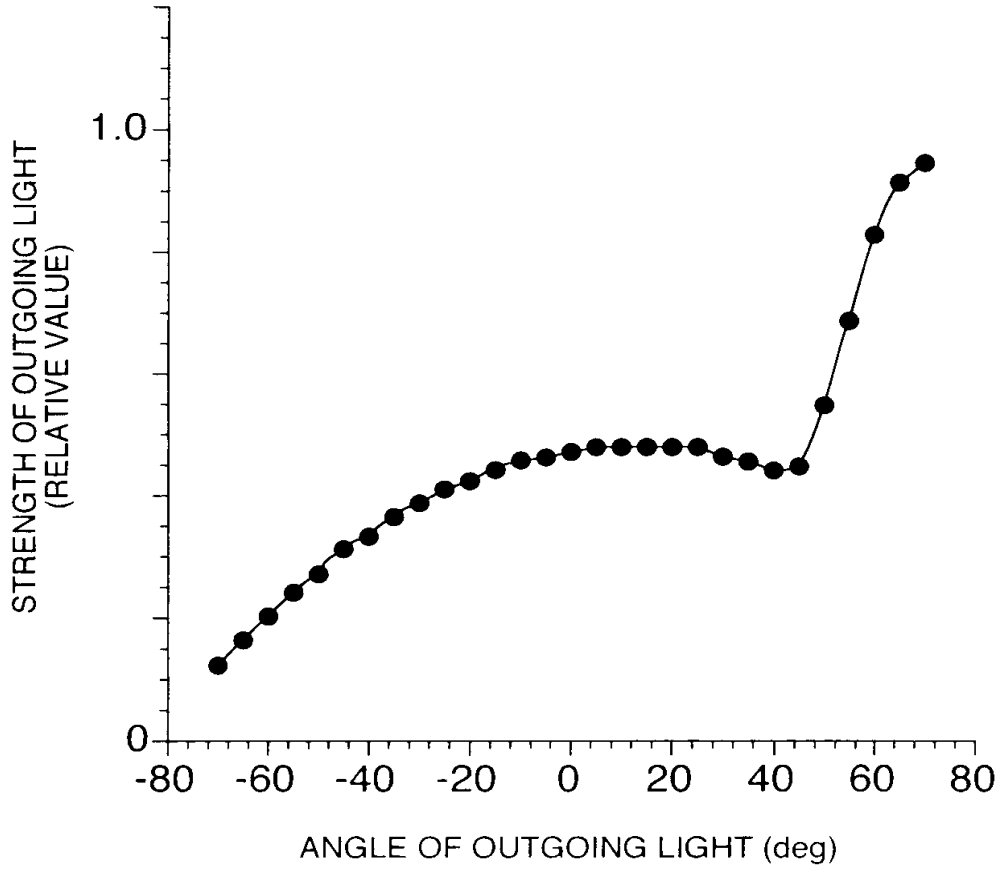

STRENGTH OF OUTGOING LIGHT
(RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.45

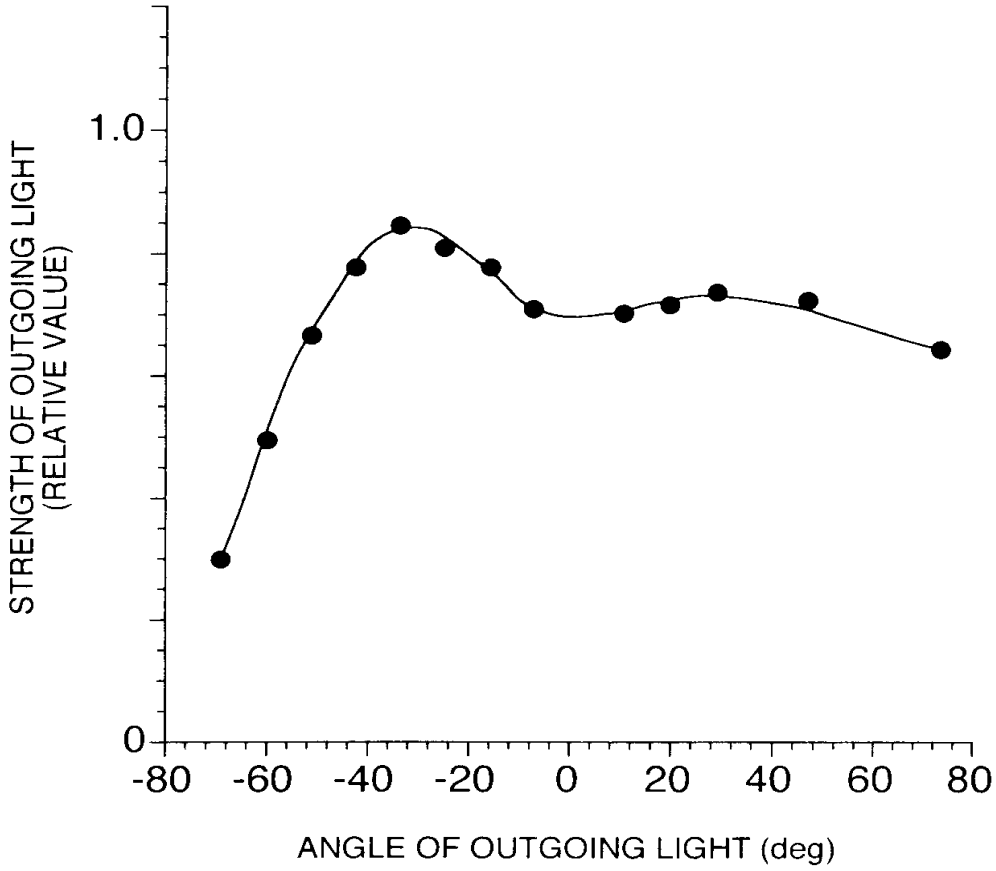

STRENGTH OF OUTGOING LIGHT
(RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.46

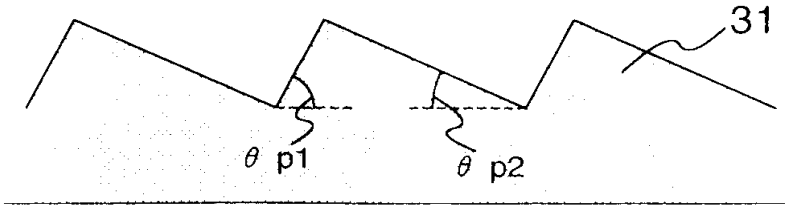

31
θ p1
θ p2

FIG.47A

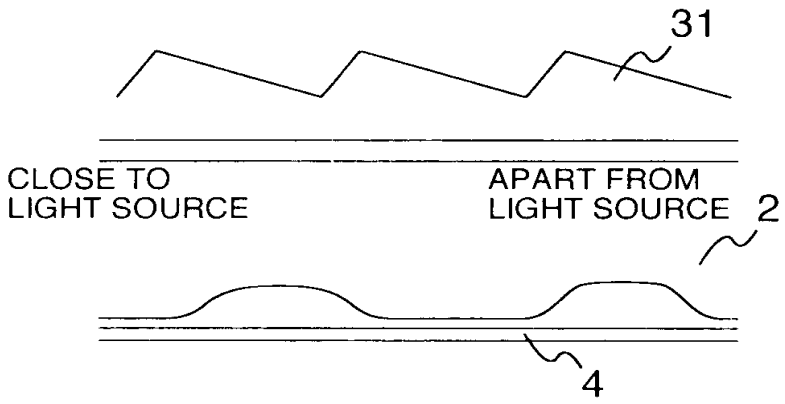


FIG.47B

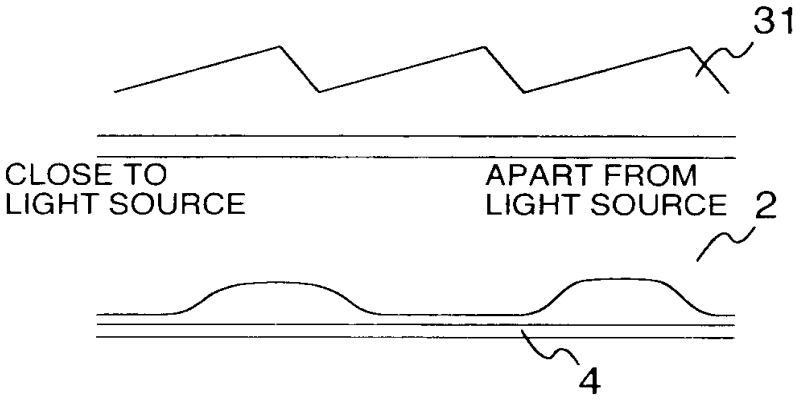


FIG.48

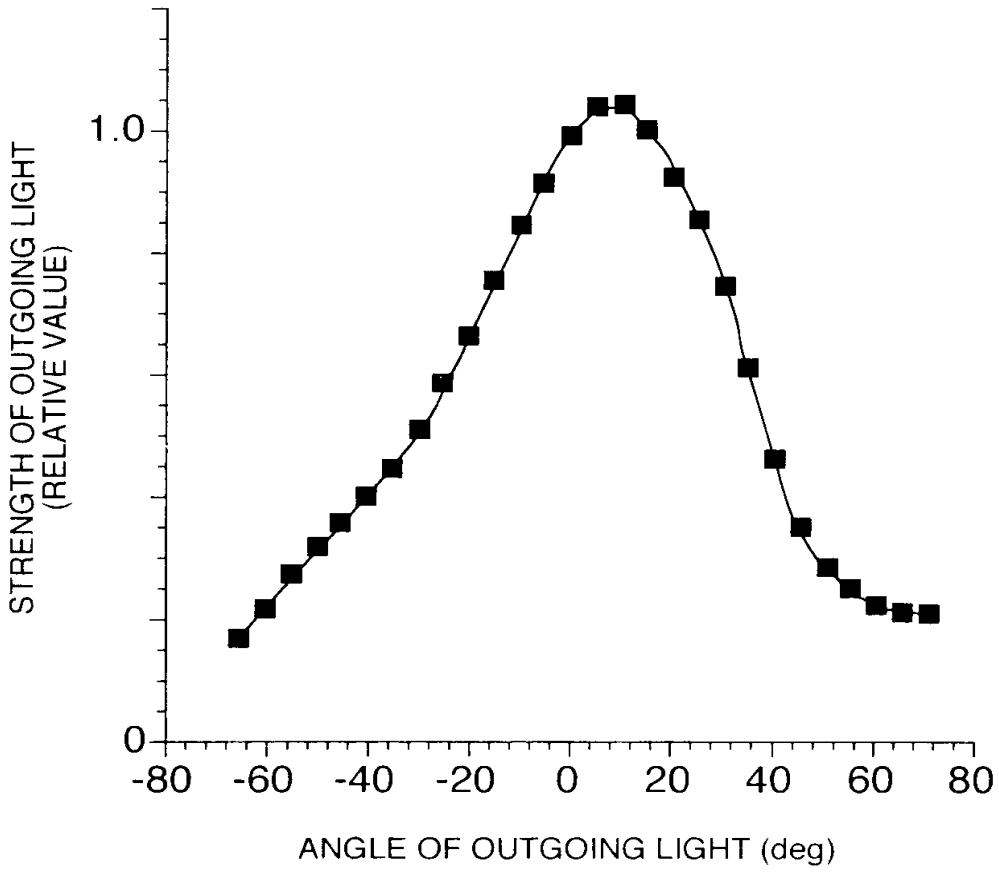

STRENGTH OF OUTGOING LIGHT
(RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.49

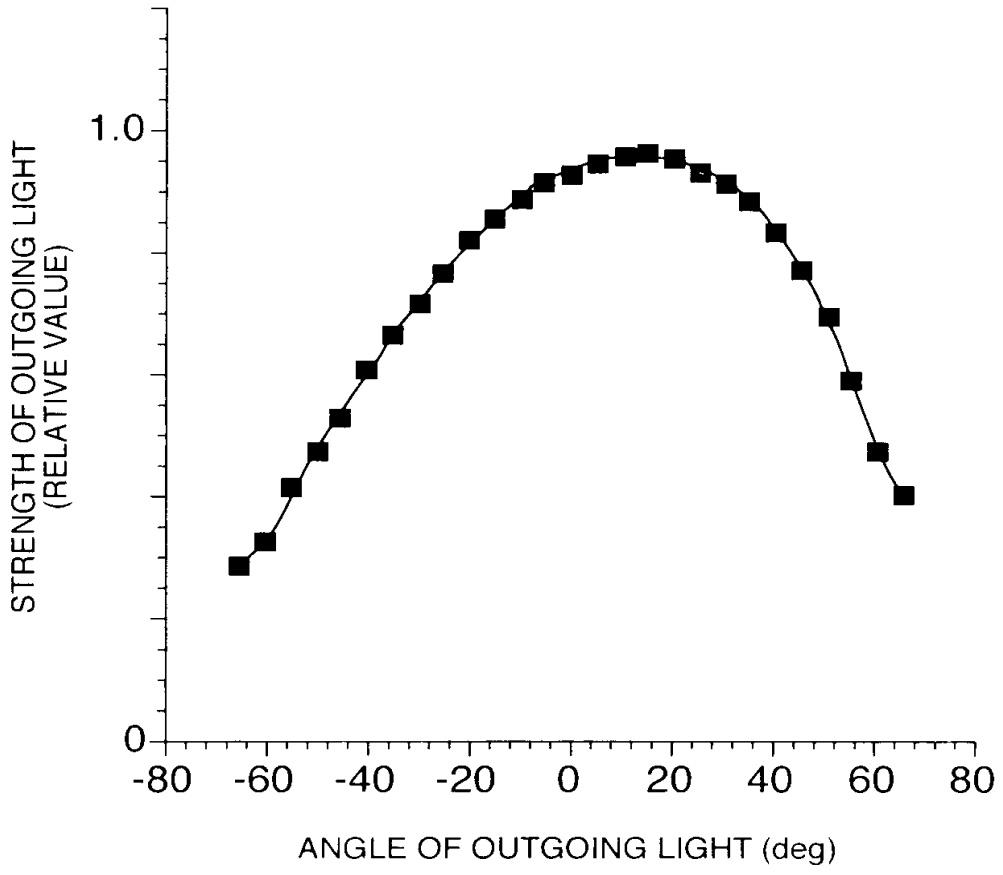

STRENGTH OF OUTGOING LIGHT
(RELATIVE VALUE)
1.0
0
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.50

PHOTOGRAPHED
FROM ABOVE

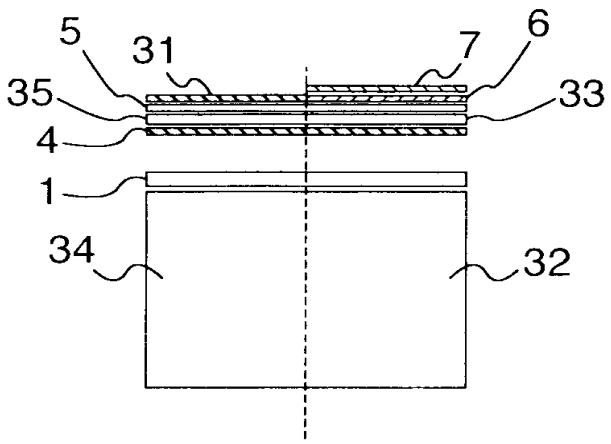
PHOTOGRAPHED
FROM LEFT

PHOTOGRAPHED
FROM FRONT

PHOTOGRAPHED
FROM RIGHT

PHOTOGRAPHED
FROM BELOW

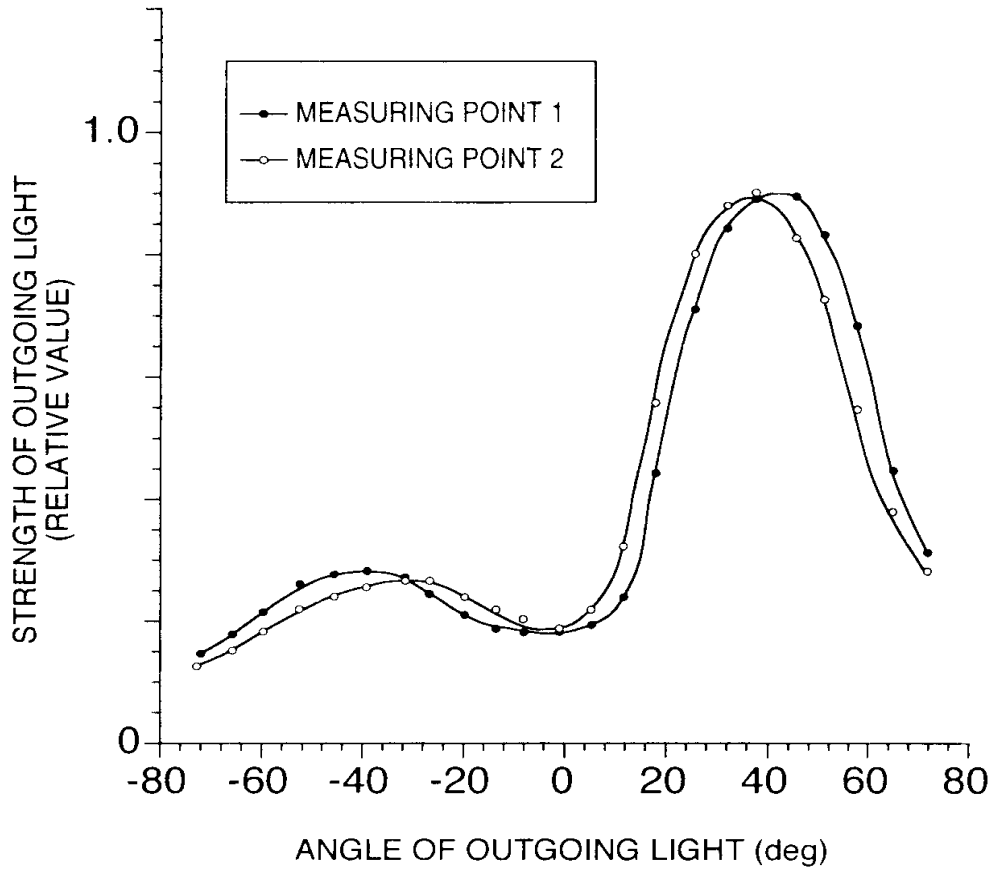
FIG.51



CROSS SECTIONAL VIEW OF BACK LIGHT DEVICE

FRONT VIEW OF BACK LIGHT DEVICE

FIG.52


MEASURING POINT 1
MEASURING POINT 2
1.0
0
STRENGTH OF OUTGOING LIGHT (RELATIVE VALUE)
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

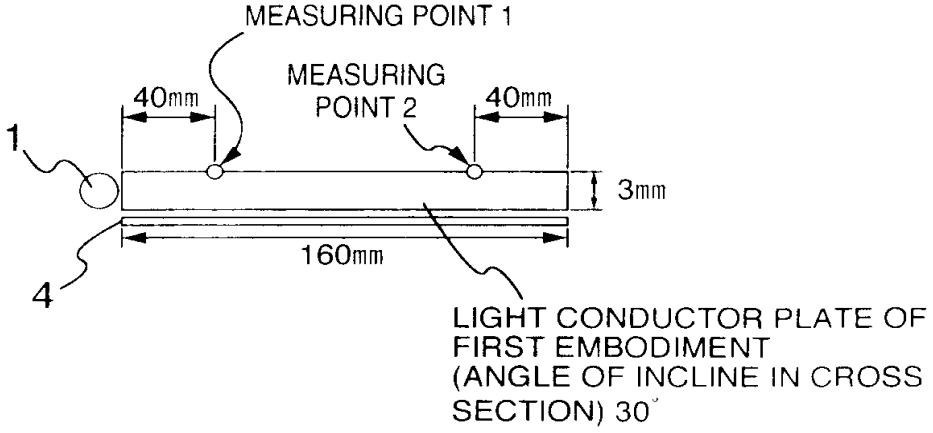
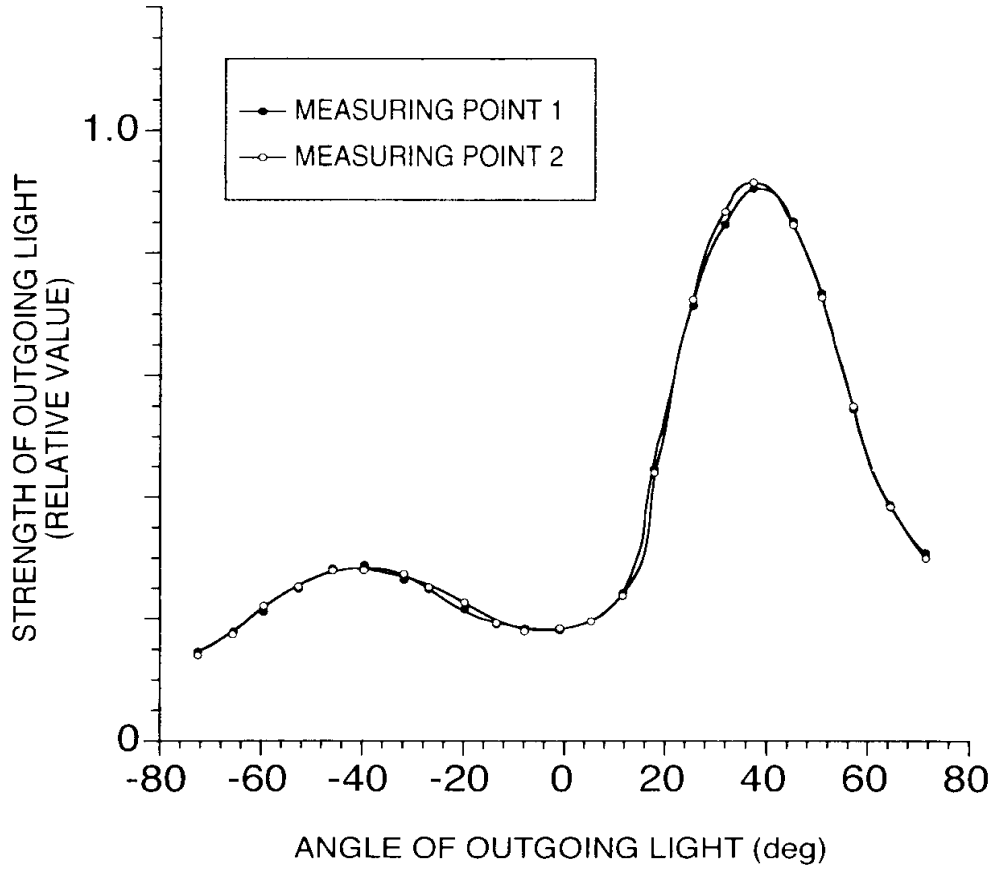

MEASURING POINT 1
MEASURING POINT 2
40mm
40mm
1
3mm
160mm
4
LIGHT CONDUCTOR PLATE OF FIRST EMBODIMENT (ANGLE OF INCLINE IN CROSS SECTION) 30°

FIG.53


MEASURING POINT 1
MEASURING POINT 2
1.0
0
STRENGTH OF OUTGOING LIGHT (RELATIVE VALUE)
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

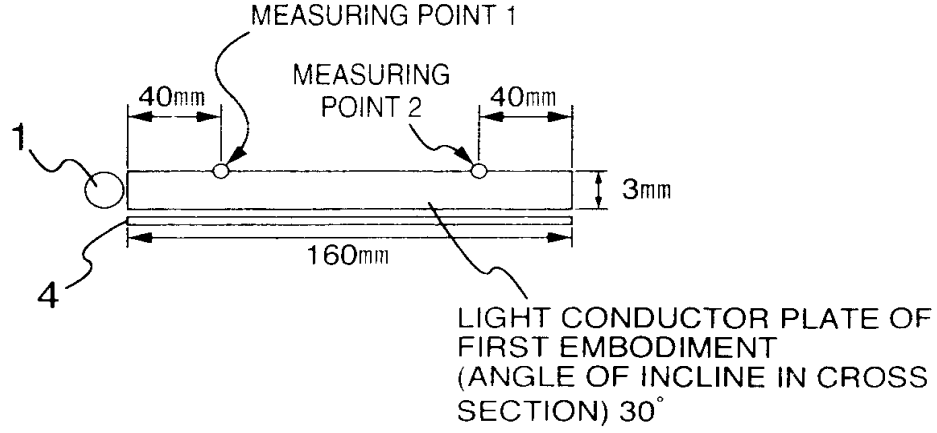

MEASURING POINT 1
MEASURING POINT 2
40mm
40mm
1
3mm
160mm
4
LIGHT CONDUCTOR PLATE OF FIRST EMBODIMENT (ANGLE OF INCLINE IN CROSS SECTION) 30°

FIG.54

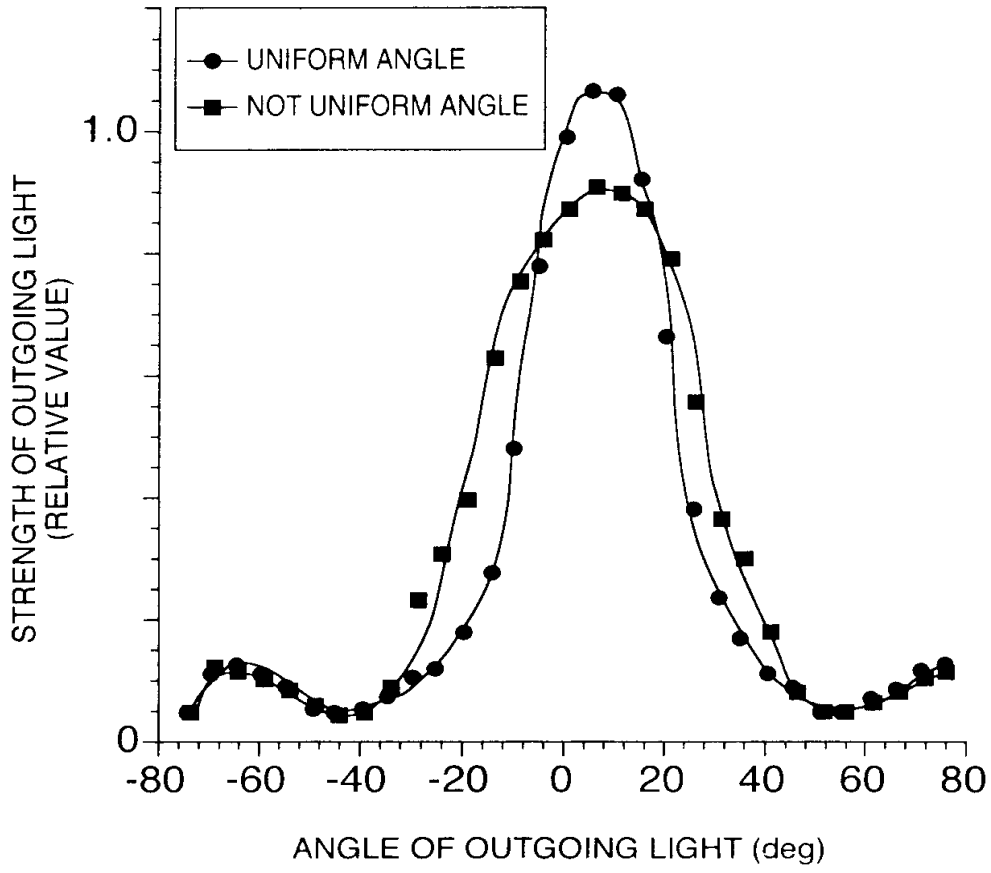

UNIFORM ANGLE
NOT UNIFORM ANGLE
1.0
0
STRENGTH OF OUTGOING LIGHT
(RELATIVE VALUE)
-80
-60
-40
-20
0
20
40
60
80
ANGLE OF OUTGOING LIGHT (deg)

FIG.55

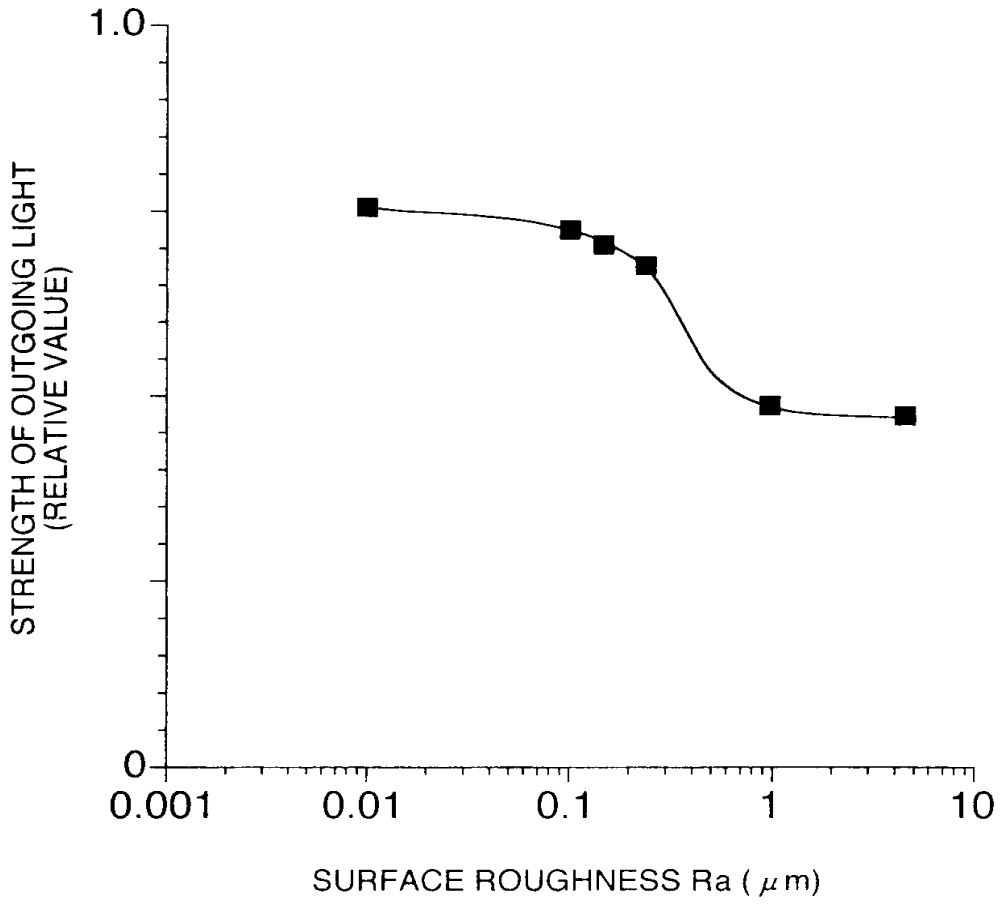

1.0
0
STRENGTH OF OUTGOING LIGHT
(RELATIVE VALUE)
0.001
0.01
0.1
1
10
SURFACE ROUGHNESS Ra (μm)

FIG.56

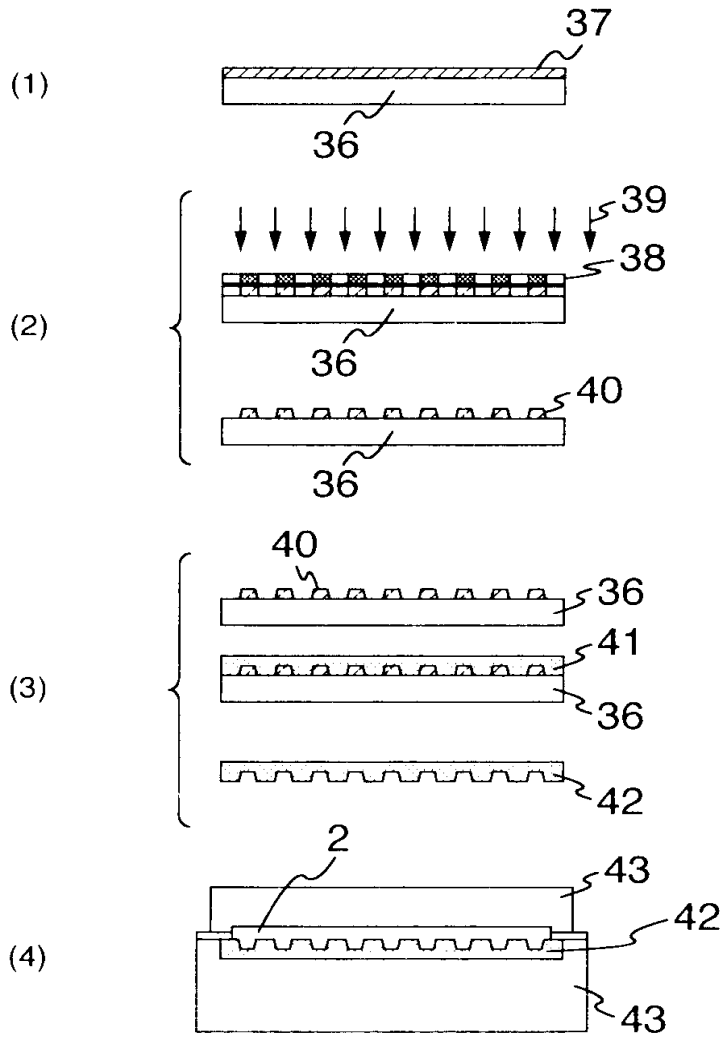


FIG.57

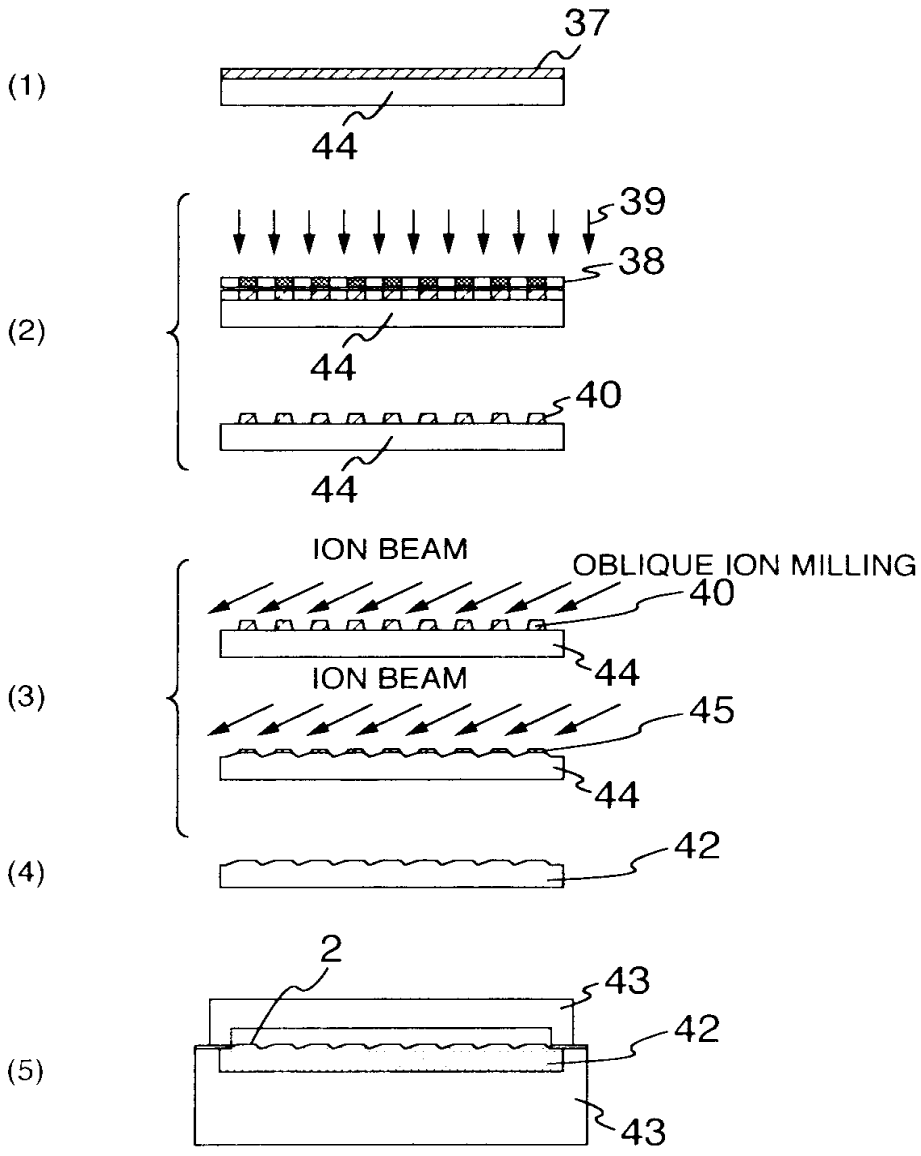

(1)
37
44
(2)
39
38
44
40
44
(3)
ION BEAM
OBLIQUE ION MILLING
40
44
ION BEAM
45
44
(4)
42
(5)
2
43
42
43

FIG.58

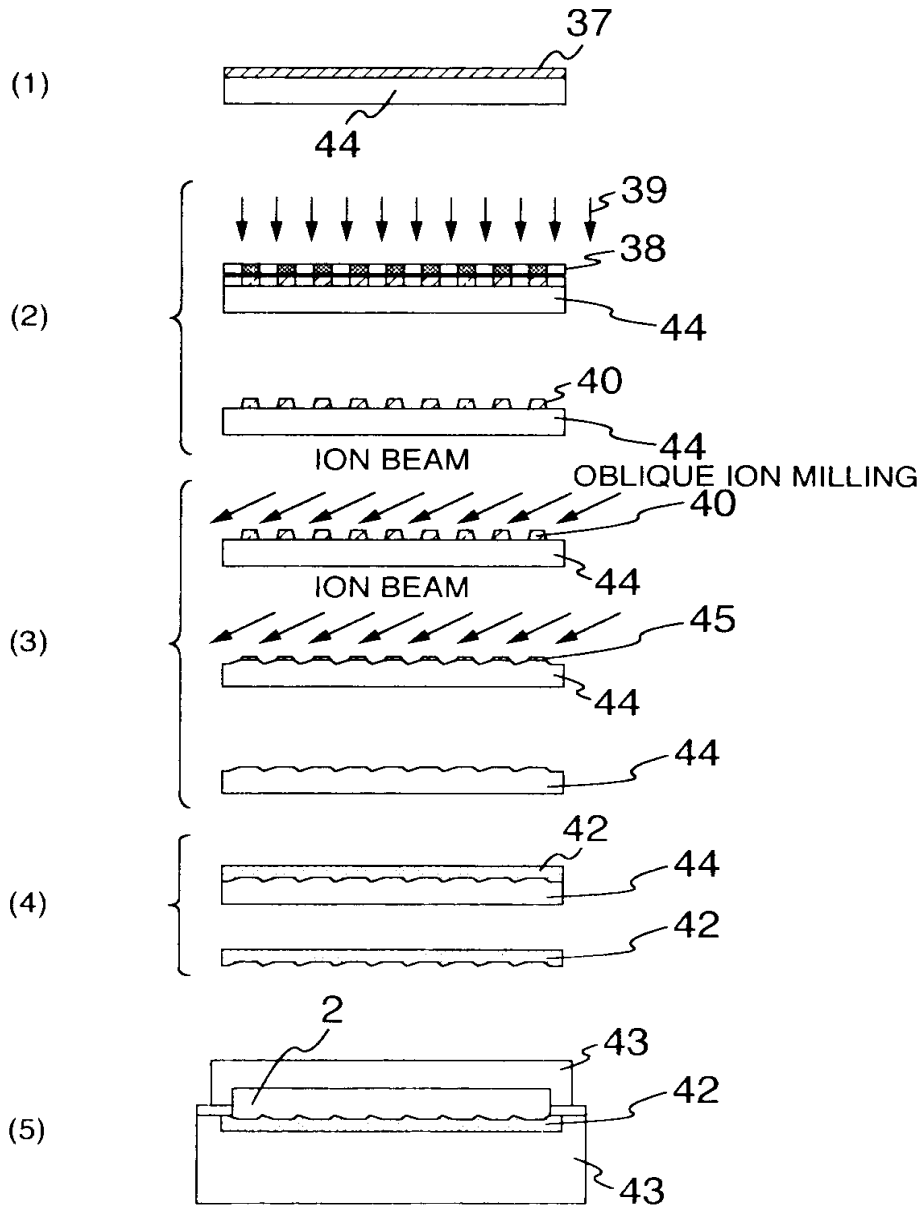
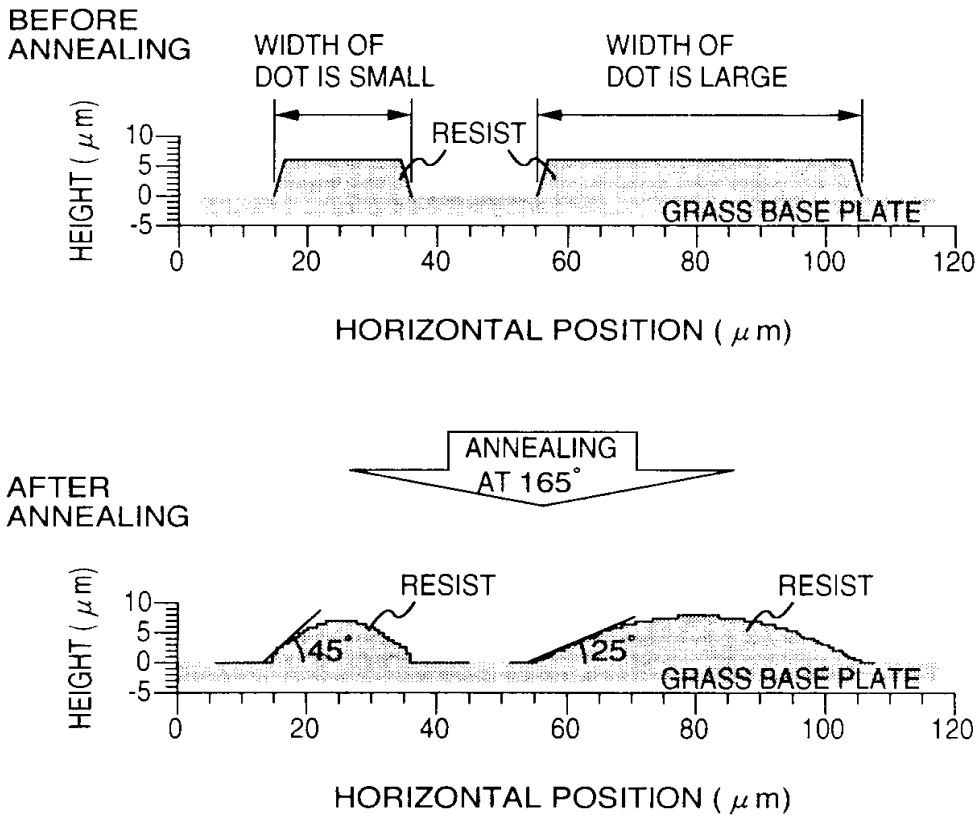

(1)
37
44
(2)
39
38
44
40
44
ION BEAM
OBLIQUE ION MILLING
(3)
40
44
ION BEAM
45
44
44
(4)
42
44
42
(5)
2
43
42
43

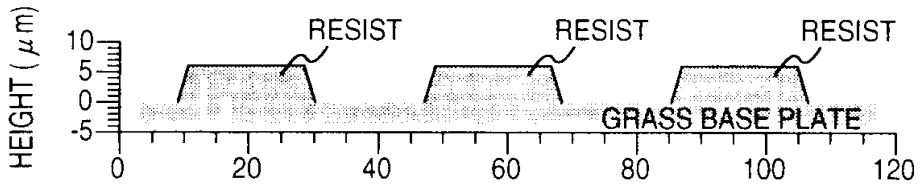
FIG.59



IN CASE OF CHANGING WIDTH OF DOT

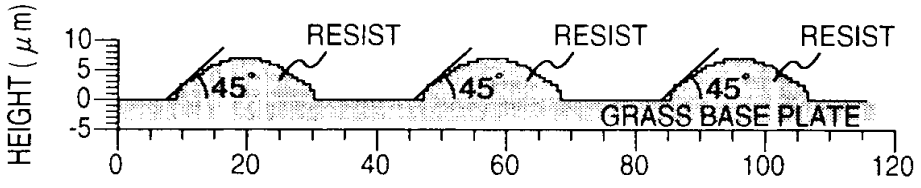
FIG.60

BEFORE ANNEALING



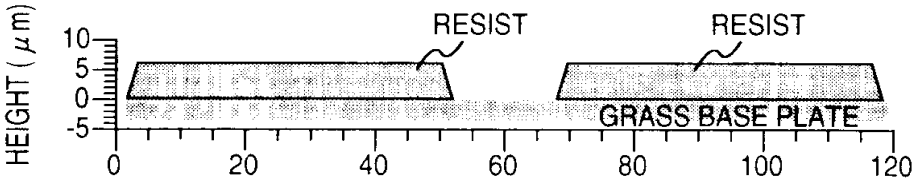
ANNEALING AT 165°

AFTER ANNEALING



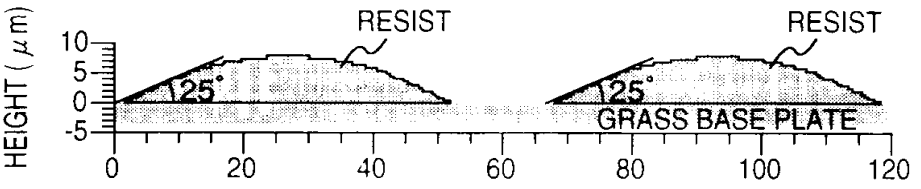
IN CASE THAT AVERAGE DISTANCE BETWEEN DOTS IS SMALL

BEFORE ANNEALING



ANNEALING AT 165°

AFTER ANNEALING



IN CASE THAT AVERAGE DISTANCE BETWEEN DOTS IS LARGE

FIG.61

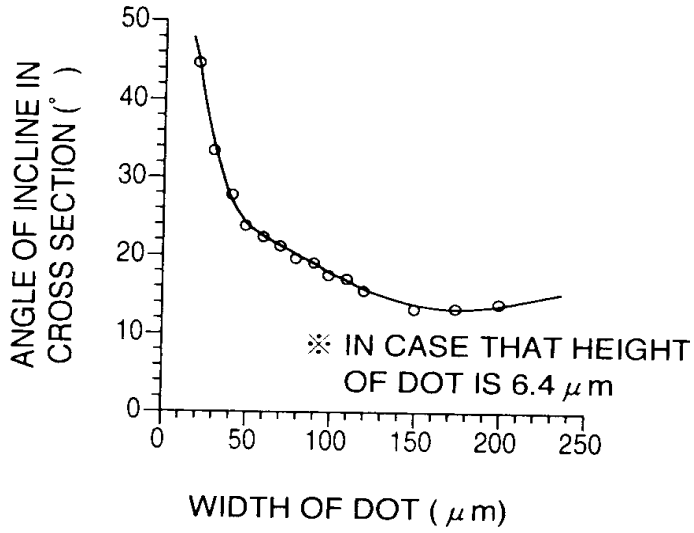
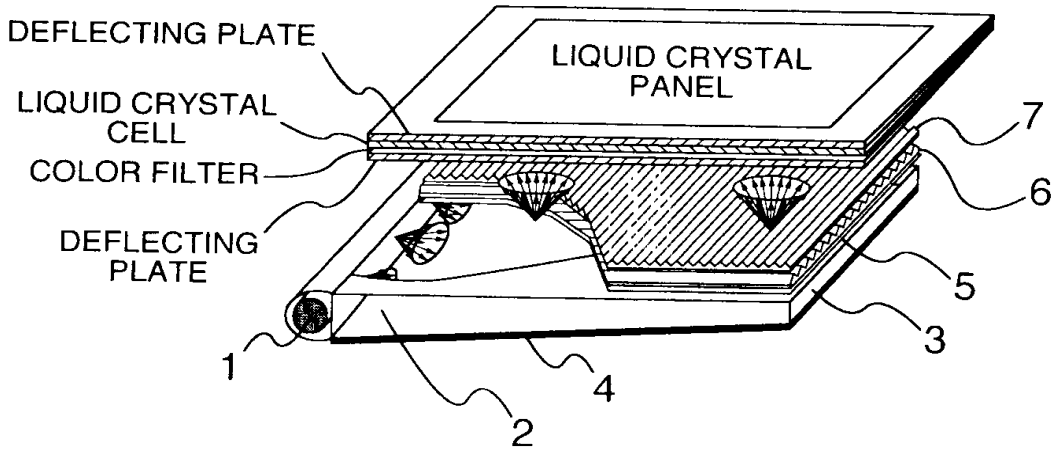

ANGLE OF INCLINE IN CROSS SECTION (°)
50
40
30
20
10
0
0
50
100
150
200
250
※ IN CASE THAT HEIGHT OF DOT IS 6.4 μm
WIDTH OF DOT (μm)

FIG.62


DEFLECTING PLATE
LIQUID CRYSTAL CELL
COLOR FILTER
DEFLECTING PLATE
LIQUID CRYSTAL PANEL
1
2
3
4
5
6
7